



Spectrum Management Authority of Jamaica (“the SMA”) Approved Equipment Certification List as at 2016 July 12. The SMA reserves the right to add or delete any item of equipment from this list.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
DELL	C-UAS-DEL1	The transceiver will be used in computers to provide wireless connectivity to DELL computers
Broadcom 802.11	BCM94312MCG	Integrated transceiver device for use in 2.4GHz wireless system
Broadcom	BCM92046mPCIe_FLSH	Class 2 Bluetooth device
Broadcom	BCM92046MD_GEN	Class 2 Bluetooth device
BMW	BTCoMB	Bluetooth transceiver
Nintendo	RVL-021	Bluetooth Accessory Balance Board used with Nintendo Game
Broadcom 802.11g	BCM94312HMG	PCI-E Half-minicard form factor Wireless LAN module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Pegatron	BT-180	BT-180 is a 2.4 GHz Bluetooth module for use in a variety of end user product to provide bluetooth connectivity
Ralink Technology Corporation	RT2700E	The RT2700E is an 802.11b/g/n WLAN Mini Card
Rosemount Inc	RM2510	Digital Transmission System
Lite-On Technology Corp	WN7600R-A	Digital Transmission System 802.11 n/b/g WLAN PCI-e Card
Lite-on Technology Corp	WN7600R-MV	Digital Transmission System 802.11 n/b/g WLAN PCI-e Card
Lite-On Technology Corp	WN7600-N	Digital Transmission System 802.11 nb/g WLAN PCI-e Card
Dust Networks	XD M2140	Digital Transmission System Smart Mesh Wireless Mote
Symbol Technologies Inc	MC7596	Digital Transmission System EDA (Enterprise Digital Assistant)

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Siemens Cellular Engine, model HC25	MC7596	GSM/WCDMA Module Symbol Technologies Inc EDA (Enterprise Digital Assistant)
Siemens Cellular Engine, Model HC25	MC7506	GSM/WCDMA MODULE
Broadcom BCM2045	MC7506	Broadcom BCM2045 Bluetooth module reference design
Rosemount Inc.	RM2510	RM2510 Wireless HART 2.4GHz Radio Module.
Atheros	AR5BXB63	802.11 b/g PCI Express Minicard WLAN
Sony	EZW-T100	Digital Wireless Audio Transmitter
Sony	EZW-RT10	Digital Wireless Audio System
DELL	PP27L	Notebook PC

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
DELL	PP30L	Notebook PC with integratd 13.56MHz RFID
Blackberry 9000	RBT71UW	BlackBerry 9000 Smartphone Wireless Handheld
Dell	PP13S	Notebook PC with integrated 13.56MHz RFID
Intel Corporation	533AN_MMW	Intel Wi-Fi Link 5300 Series
Apple Computer Inc	A1241	PCS Licensed Transmitter Held to ear Handheld 3G mobile phone with iPod functions
Dell Computer Corporation	PP08X	Notebook PC with integrated 13.56MHz RFID
	SYSTEM 5000	
RIM	RBZ41GW	BlackBerry 8900 smartphone with Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Symbol Technologies Inc	MC5590	Enterprise Digital Assistant
Delphi Deutschland GmbH	VO1-125kHz	Vehicle Immobilizer
Nintendo of America	TWL-001	Hand held game device with wireless : Contains Mitsumi Radio Module DWMW015
Atheros	AR5B93	802.11n 2x2 PCIe Minicard Transceiver
Atheros	AR5B95	802.11n 1x1 PCIe Minicard Transceiver
KOMTRAX	KDTH300	Packet Data Transceiver , VHF mobile earth station
KOMTRAX	KCTC301	Packet Data Transceiver, VHF mobile earth station
KOMTRAX	KDTC310	Packet Data Transceiver, VHF mobile earth station

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Delphi	L2C0038TR	Electronically Scanning Radar (ESR), used as part of an Adaptive Cruise Control (ACC) system installed at vehicle manufa
FOXCONN (for Nintendo Wii Model# RVL-001	J27H010	Digital transmission system for electronic gameplay for Nintendo Wii devices
Ralink Technology Corporation	RT3090	Ralink 11 b/g/n 1T1R WLAN Mini Card
Atheros	AR5BDT92	802.11N 2x2 Mini Card WLAN
CastleNet Technology Inc.	BTC04R310A	BT Module Spread Spectrum Transmitter
Realtek Semiconductor Corp.	RTL8191SE	Wireless Card for notebook computers
Ralink Technology Corporation	RT3092	802.11b/g/n 2T2R WLAN Mini Card
IBM	74E	IBM Kiosk

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Intermec	SF51	Handheld Scanner with Bluetooth enabled
Broadcom Corporation	BCM94312HMGB	802.11g Wireless LAN + Bluetooth PCI-E Mini Card
Broadcom Corporation	BCM92070MD_LEN0	Broadcom Bluetooth Transceiver Module
Realtek	RTL8192SE	802.11B/G/N RTL8192SE miniCard
Motorola Inc.	MC9596	Personal Communication System Licensed Transmitter held to ear
Symbol	MC9590	Part 15 Spread Spectrum Transmitter
Broadcom Corporation	BCM92070MD_REF	Spread Spectrum Transmitter Bluetooth Transceiver module
Broadcom Corporation	BCM943225HM	802.11g/draft 802.11n WLAN PCI - E mini Card

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Broadcom Corporation	BCM943224HMS	802.11abgn WLAN PCI - E mini Card
Apple Inc.	A1303	Smart phone with internet access
Cambridge Silicon Radio Ltd.	BSMAN	Part 15 Spread Spectrum Transmitter
Spectec Computer Co, Ltd.	SDW-821	SDIO Wireless LAN Card
Broadcom	BCM943225HMB	Spread Spectrum Transmitter - PCIe Mini Card WLAN + Bluetooth
Nintendo	DWM-W016	
Nintendo	USG-001	
Research In Motion Limited	RCG41GW	BlackBerry 8520 Smartphone Wireless Handheld

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Symbol	MC9596	Part 15 Spread Spectrum Transmitter
Dell Computer Corporation	PP08X001	Notebook PC with RFID Transmitter
Atheros Communications, Inc.	AR5B97	802.11n 2x2 Minicard
Ninteendo of America Inc.	TWL-001(Mitsumi Radio Module DWM-W024)	Digital Transmission System WLAN Module
Apple Inc.	A1318	Handheld device with 802.11b/g and Bluetooth modules
Rosemount Inc.	Rosemount 775	Wireless HART Industrial Process Management Product
Boston Scientific	Zoom Latitude 3120	Medical devices implemented in a patient that use radio frequencies to communicate with an ensternal programmer
Symbol	MC3190	Digital Transmission System and Spread Spectrum System (802.11a/b/g SDIO WLAN Module & Bluetooth)

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Zebra Technologies Corporation	MT2070	Scanner with Bluetooth
Zebra Technologies Corporation	STB2078	Charging cradle with bluetooth
Broadcom	BCM92070MD_REF12	Bluetooth module
Broadcom	BCM94313HMG2L	Wireless LAN PCI-E Mini card
Zebra Technologies Corporation	MT2090	Scanner with Bluetooth and 802.11A/B/G WLAN
Symbol	MC3100	Part 15 Spread Spectrum System (Mobile Computer with Bluetooth module)
Lear Corporation	KOJBG10A	Remote Function Actuator Module
Lear Corporation	KOJLR09A	Passive entry/ Passive start RF receiver system

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Lear Corporation	KOBJTF10A	Passive entry/ passive start RF transmitter
AJA VIDEO Ki Pro	K i Pro	Audio/ Video playback and record device with 802.11b/g wireless command and control capability
Socket	Go Wi-Fi! P300	SDIO WIRELESS LAN CARD- to be used SPX Service Solutions diagnostic devices
Atheros Communications, Inc.	AR5B195	802.11n-BT Combo Half Mini card
Research In Motion	RCP51UW	Smartphone Wireless Handheld
Research in Motion	RCM71UW	BB9700 Smartphone wireless handheld
Research In Motion Limited	RBX11BW	Part 15 Spread Spectrum Transmitter Blackberry Smart Card Reader
Atheros	AR5BBU12	Bluetooth module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Broadcom	BCM94313HMGB	802.11g/Draft 802.11n WLAN + BT PCI-E Mini card
Symbol	MC75A0	Enterprise Digital Assistant with 802.11a/b/g WLAN module and a Bluetooth module
Alpine	IAM2.1 BT PWB EU	Spread Spectrum Transmitter Bluetooth Module
Dell Inc.	PP27LA	Part 15 Low Power Communication Device Transmitter
Dell Inc.	PP30LA	Part 15 Low Power Communication Device Transmitter
Dell	LEX-M04-001	Dell 802.11b/g/n Wireless Module,
Symbol Technologies Inc.	MC75A6	Handheld EDA with Cellular, PCS, Wifi and Bluetooth enable
Ralink	RT3090PCIE-C1	

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Ralink Technology Corporation	RT3090PCIE-C2	802.11b/g/n WLAN Card for use in computers. uses internal antenna
Julius Blum GmbH	21P5020	Remote Control to open and close cupboard doors
Julius Blum GmbH	21.A00L33	Remote control to open and close Cupboard doors
Nintendo	UTL-001	Nintendo DSi XL Handheld game with WLAN capabilities - 802.11b/g
Dell Inc.	P05G	Part 15 Low Power Communication Device Transmitter for Notebook computer
Johnson Controls Interiors L.L.C.	CB2SAHL4	Security/ Remote Control Universal Garage Door Opener
Temic Automotive North America Inc.	LHJ017	Security / Remote Control RF Receiver
Flextronics International GmbH	WDGSYNC1	Spread Spectrum Transmitter for FORD handsfree carkit. In-car communications and entertainment system installed in Ford

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Visteon	CB2-BLUE11M	Handsfree Bluetooth transceiver for vehicles
Intermec Technologies Corporation	CN3	Hand held computer with 802.11b/g, bluetooth and GSM/GPRS/EGPRS Module
iRobot Corporation	4123695	Digital Transmission System
Symbol Technologies Inc.	DS6878	Barcode Scanner with integrated Bluetooth
Dell Inc.	DWBT#	802.11 b/g Wireless LAN mini-card
Realtek Semiconductor Corp.	RTL8188CEBT	Digital Transmission System and Part 15 Spread Spectrum Transmitter
Harman Becker Automotive Systems	MMI3G	Bluetooth/WLAN Handsfree Car Kit
Symbol	MC659B	PCS Licensed Transmitter held to ear Enterprise Digital Assistant (EDA)

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Motorola	ES405B	Enterprise Smartphone
Apple	A1337	PCS Tablet Computer
Apple	A1219	Tablet Computer with wifi enable
Symbol	MC959B	Mobile Computer with integrated Bluetooth/802.11abg WLAN/GSM/WCDMA Radio Modules
BlackBerry	RCV71UW	BlackBerry 9100 Smartphone Wireless Handheld
Apple	A1332	Apple iPhone
Realtek Semiconductor Corp.	RTL8192CE	RTL8192CE miniCard gives WiFi capabilities for home or office use.
Newell Rubbermaid Inc.	MWM01	2.4GHz wireless module allows integration of mimio Teach, Mimio Capture, Mimio Vote and MimioHub

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Panasonic Corporation of North America	CF-52	Toughbook PC with WWAN, WLAN and Bluetooth
Anoto AB	ADP-301	Part 15 Spread Spectrum Transmitter Digital Pen
Zoom Technologies, Inc.	4321	Part 15 Spread Spectrum Transmitter Bluetooth USB Dongle
Atheros Communications, Inc.	AR5B197	2 x 2 802.11n - BT Combo Card
Panasonic	CDR31 6CDBT and CDR31 1CDBT	Car Radio System with Bluetooth
BelAir Access Point	BelAir 100SN	Outdoor wireless access point with dual radios - 2.4 & 5.8GHz
BelAir Access Point	BelAir20	Indoor Wireless Access Point with dual radios - 2.4 and 5.8GHz
Alps Automotive Inc.	CWTWB1U793	Part 15 Security/ Remote Control Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Lear Corporation	KOBFR10A	Communications Receiver used w/Pt 15 Transmitter
Valeo Schalter und Sensoren GmbH	MBR-Gen2 Typ C	Radar sensor module
Research In Motion	RDA71UW	Handheld smartphone with GSM/EDGE 850/1900, WCDMA/HSDPA II/V, 802.11/b/g/n
Continental Automotive Systems US Inc.	M3N-65981421	Easy Key Active Antenna
Continental	5WK49097	Innovative RF Receiver (IRX)
Continental Automotive Systems US Inc.	M3N5WY8406	Passive Key (PK) keyfob
Continental Automotive Systems US Inc.	M3N5WY7909	Electronic Control Unit (ECU)
Symbol	CS3070	Spread Spectrum Transmitter- Wireless Laser Barcode Scanner

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Research in Motion Limited	RCY71UW	BlackBerry 9800 Smartphone Wireless Handheld with GSM/HSDPA II/V, 802.11/b/g, Bluetooth and GPS
BelAir	BelAir100N	Outdoor Wireless Access Point
BelAir	BA100T-02	Outdoor Wireless Access Point with dual 5 GHz radios
Nintendo of America Inc.	RVL-036 (YE5-WRIG)	Bluetooth Part 15C Spread Spectrum Transmitter
Nintendo of America Inc.	UTL-001 (J27H020)	Digital Transmission System 802.11 b/g WLAN
Nintendo	TWL-001	Digital Transmission System 802.11 b/g WLAN
Honda Lock	HLIKN-1R	Integrated Immobilizer System with Remote Keyless Entry
Honda Lock	HLBUS-1	Immobilizer System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Apple Inc.	A1367	802.11b/g/n WLAN + BT 2.1 (EDR)
Panasonic Coporation	CF-19T	Personal Computer with Bluetooth and WLAN
Ralink Technology Corporation	RT5390	WLAN Mini Card
Schrader Electronics	FS5MAF4	Tire Pressure Monitoring Transmitter
Panasonic Customer Services Europe	CF-31	Personal Computer with Bluetooth and WLAN
Ralink Technology Corporation	RT3592BC8	802.11A.B/G/N 2T2R + Bluetooth V2.1 +EDR combo card
Nintendo of America Inc.	RVL-036 (POO-WC62)	Part 15 Spread Spectrum Transmitter Wii Remote Controller
Ralink Technology Corporation	RT5390BC8	802.11b/g/n 1T1R Combo Card

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Symbol Technologies Inc.	CR0078	Bluetooth Cradle with RS232 and USB
Intel Corporation	62205ANHMW	802.11a/b/g/n PCI Express Half Mini Card
Continental Automotive GmbH	5WK4 9986	Remote Keyless Entry Device
Realtek Semiconductor Corp.	RTL8188CEB8	802.11b/g/n Combo miniCard
Atheros Communications Inc.	ARS63	802.11 a/b/g/n (SDIO) + BT Combo Card
Dell Inc.	P15G	Notebook computer with low power communication (RFID)
Panasonic Corporation	C5ZZZ0000043	Bluetooth Hands free phone system or audio
Panasonic	YEP0FX1519	Smart ECU

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Panasonic Corporation	YEP0FX1510	Smart FOB
Panasonic Corporation	YEP0FX1509	Smart RFU
Atheros Communications Inc.	AR5BHB116	AR5BHB116 2x2 802.11n PCIe module
Research in Motion	RCM72UW	BlackBerry 9780 Smart Phone Wireless Handheld with GSM/GPRS/EDGE 850/1900, WCDMA/HSDPA II/V, 802.11/b/g Bluetooth and aG
Ralink Technology Corporation	RT3593	802.11a/b/g/n 3T3R WLAN Mini Card
Dell Inc.	P14F	Notebook PC, with integrated 13.56MHz RFID.
Symbol	MC9190	802.11abg WLAN and Bluetooth modules
Intel Corporation	100BNHMW	Intel Centrino Wireless-N 100

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Intel Corporation	130BNHMW	Intel Centrino Wireless-N 130
Intel Corporation	11230BNH	Intel centrino Wireless-N 1030
	11230BNHMW	
Intel Corporation	62230ANHMW	Intel Centrino Advanced-N 6230
Broadcom Corporation	BCM943227HM4L	802.11bgn WLAN PCI-E Mini Card
Nintendo	CTR-001 (DWM-W028)	WLAN module
Clarion	PF-3387A-A	Car Audio with Bluetooth Capabilities
Ralink	RT5392	802.11b/g/n 2T2R WLAN Mini Card
Dell	P12S	Low power Transceiver, RFID

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
MSI	MS-3871	Wireless 11b/g/n+ Bluetooth Combo Slim Module
Continental Automotive GmbH	5WK50249/5WK50251/5WK50253/40398035/40406556/40398	Remote Keyless Entry, Passive Start and Entry, Tire Guard
Continental Automotive	5WK50257/5WK50254/5WK50252/5WK50250/5WK50248/40398	Remote Keyless Entry Device (Receiver)
HYUNDAI MOBIS CO., LTD	AM11TAGG	Spread Spectrum Car Audio
Atheros Communications, Inc.	AR5BHB112	Dual Band 802.11n Mini Card
Broadcom Corporation	BCM943228HM4L	802.11a/b/g/n WLAN PCI-E Mini Card
Cambridge Silicon Radio Ltd.	BSBM2	BlueSlim 2 Bluetooth Radio Module
Dell Inc.	P10E	Notebook Computer with 13.56 MHz RFID reader

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Dell Inc.	P13F	Notebook Computer with 13.56 MHz RFID reader
KOMTRAX	KDTC330	VHF mobile earth station
Atheros Communications, Inc.	AR5B225	1X1 802.11B/G/N-BT combo PCIe Minicard
Dell Inc.	P15S	Notebook Computer with integrated 13.56 MHz RFID
Research in Motion	HS-300	Wireless Bluetooth Headset
Panasonic Corporation	YEAP01A112	Bluetooth handsfree cell-phone and Audio in the car
Parrot	CK5050+	Part 15 Spread Spectrum Transmitter Bluetooth Module
S1nn GmbH	UHV	Part 15 Spread Spectrum Transmitter Bluetooth Car Kit

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Research In Motion Limited	RDJ21WW	Part 15 Spread Spectrum Transmitter/Digital Transmission System Tablet Device
Apple Inc.	A1395	IPAD - Tablet PC
Apple Inc.	A1396	IPAD - Tablet PC w/ PCS Licensed transmitter
Atheros Communications, Inc.	AR5B125	1x1 802.11b/g/m PCIe Module
Broadcom Corporation	BCM94319SDB	802.11b/g/n WLAN + Bluetooth Module Combo
Honeywell International Inc.	99EXLG	Mobile Computer with WLAN, Bluetooth, GSM/UMTS and GPS
Hyundai	LAC1420IWFS	Spread Spectrum Transmitter for Car audio
Hyundai	LAC1430EWFS	Spread Spread Transmitter in Car Audio

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Alpine Electronics Inc.	IAM 2.1 BT PWB EU2	Part 15 Spead Spectrum Transmitter Bluetooth Module
HYUNDAI MOBIS CO., LTD	AC610DFGN	Part 15 Spread Spectrum Transmitter CAR AUDIO (Bluetooth)
HYUNDAI MOBIS CO., LTD	AC210CSGN	Part 15 Spread Spectrum Transmitter CAR AUDIO (BLUETOOTH)
HYUNDAI MOBIS CO., LTD	AC110CSGN	Part 15 Spread Spectrum Transmitter CAR AUDIO (BLUETOOTH)
HYUNDAI MOBIS CO., LTD	AM110IHGN	Part 15 Spread Spectrum Transmitter CAR AUDIO (BLUETOOTH)
HYUNDAI MOBIS CO., LTD	AC110DFGN	Part 15 Spread Spectrum Transmitter CAR AUDIO (BLUETOOTH)
Lear Automotive Services (Netherlands) B.V. Philip	ZAFT6BCM	Automotive Remote Control Entry Receiver - T6 Body Control Module/ Vehicular Body Control module featuring an RF receive
Panasonic Corporation Automotive Systems Company	YEP0PTA184	Bluetooth Module Assy

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Atheros Communications, Inc	ARS263	1x1 802.11a/b/g/n + BT SDIO - WLAN/USB-BT card
Sworsche Technology Co. Ltd.	GT60; GT30; VT310	GPS Tracker with GSM module
Ralink Technology Corp	RT3290	802.11 B/G/N 1T1R combo card
Atheros Communications, Incorporated	AR5BBU22	Digital Transmission System Bluetooth USB module
Acer Incorporated	A500	Tablet Computer with Bluetooth and Wirfi interface
Roemount Inc.	708	Wireless HART Industrial Acoustical Transmitter
Apple Inc.	1409	802.11 a/b/g/n 3x3 Access Point
Apple Inc.	1408	802.11 a/b/g/n 3x3 Access Point

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental Automotive GmbH	5WY8604,5WY8606,5WY8678,5WY8679	Low power transmitter
Mitsubishi Electric Corporation Himeji works	SKE13D-01	Part 15 Security/Remote Control Transmitter Keyless System Hand Unit
Mitsubishi Electric Corporation Himeji works	SKE13401	Part 15 Low Power Transmitter Below 1705 kHz Keyless System LFU
Mitsubishi Electric Corporation Himeji works	SKE133-02	Part 15 Low Power Transmitter Below 1705 kHz KEYLESS sYSTEM ssu
Mitsubishi Electric Corporation Himeji works	SKE135-01	Communications Receiver used w/Pt 15 Keyless System Receiver
Continental Automotive GmbH	5WY8770/ 5WY8771	Auto Remote Entry/ Start Transmitter
Continental Automotive GmbH	5WY8042	Motor Vehicle Low power transmitter VDO
Symbol Technologies, Inc.	STB3578/FLB3578	Part 15 Spread Spectrum Transmitter BT Cradle

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Symbol Technologies, Inc	DS3578	Part 15 Spread Spectrum Transmitter Bluetooth 2.0 EDR Scanner
Symbol Technologies, Inc.	FLB3578	Part 15 Spread Spectrum Transmitter Cradle for 2.0 EDR Bluetooth Scanner
Research In Motion Limited	RDM71UW	Blackberry Smart phone with GSM/GPRS/EDGE 850/1900, WCDMA/HSDPA II/V, 802B/G/N Bluetooth and GPS
Research In Motion Limited	RDY71UW	Blackberry Smartphone - GSM/GPRS/EDGE 850/1900, WCDMA FDD II/V, 802.11a/b/g/n BT, NFC, and GPS
ITRON, INC	FC300	Handheld computer with Bluetooth 2.0 + EDR and GPS
HYUNDAI MOBIS CO., LTD.	PA710MDGLBT	DIGITAL CAR AUDIO SYSTEM WITH BLUETOOTH, USB2.0
Research In Motion	RDP71UW	Handheld Blackberry with GSM/GPRS/EDGE/WCDMA FDD II, V/802.11b,g,n/Bluetooth
Research in Motion	RDX71UW	Handheld Blackberry device with GSM/GPRS/EDGE 850/900, WCDMA FDD II/V 802.11b/g/m Bluetooth, NFC and GPS

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Broadcom Corporation	BCM943228HMB	802.11a/b/g/n + BLUETOOTH PCI-E MINI CARD
Harman Automotive Systems	PPIS UMTS	PCS Licensed Transmitter GSM 850, E-GSM 900, DCS1800, PCS 1900, FDD IV, 2G/3.5G module
Novero GmbH	RX-42	Part 15 Spread Spectrum Transmitter Bluetooth Car Kit
Panasonic	UGNZA	Bluetooth module for use in Panasonic Toughbook
Panasonic	UGNZ4	Bluetooth Module (Power Class II) for Panasonic toughbook
AzureWave Technologies, Inc.	AW-NB086	IEEE 802.11b/g/m WiFi/BT Combo Slim Module
Apple Inc.	A1387	iPhone - Smartphone : PCS Licensed Transmitter held to ear/Digital Transmitter/Spread Spectrum
Cisco Systems, Inc.	CS-E300-AP-K9	Cisco Edge 300 Switch with WiFi (802.11b/g/n and BT

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Alpine Electronics Inc.	IAM2.1 BT PWB EU3	Spread Spectrum transmitter Bluetooth Module
Apline Electronics Inc.	IAM2.1 BT PWB EU4	Spread Spectrum transmitter Bluetooth Module
RESEARCH IN MOTION	REC71UW	PCS Licensed Transmitter Smartphone with GSM/EDGE 850/1900, WCDMA FDD II/V, 802.11a/b/g/n, Bluetooth, NFC and GPS
Research in Motion Limited	REA71UW	PCS Licensed Transmitter Blackberry Smartphone with GSM/GPRS/EDGE 850/1900, WCDMA FDD II/V, 802.11b/g/n, Bluetooth, NFC
Hyundai MOBIS Co., Ltd	AC110A5GN	Car Audio Spread Spectrum Transmitter
Wistron NeWeb Corp	DBUB-P207	Spread Spectrum Transmitter Bluetooth Adapter
Visteon	CB2-BLUE12M	Bluetooth Telematics Device
Symbol	LI4278	Spread Spectrum Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Dell Inc.	DW RFID1201	Low Power Communications Device
Dell Inc.	DW RFID1202	Low Power Communications Device
Hon Hai Precision Ind. Co., Ltd	T77H330	Wifi Module
Autoliv ASP, Inc.	6181175	Ultra Wide Band Transmitter, Auotmotive Radar Module
S1nn GmbH & Co. KG	SCM	Bluetooth Module, Hands Free Car Kit
Askey Computer Corp	WLU5150-D81	Digital Transmission System- Wireless LAN adaptor
Askey Computer Corp	WLU5151-D81	Digital Transmission System, Wireless LAN Adaptor
Weifang Goetek Electronics Co., Ltd	TY-ER3D4MU	Spread Spectrum Transmitter - 3D Eyewear

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Weifang Goertek Electronics Co., Ltd	TY-ER3D4SU	Spread Spectrum Transmitter - 3D Eyewear
Dell Inc.	P14T	Notebook PC with integrated 13.56MHz RFID
Symbol	ET1N0	Digital Transmission System Enterprise Tablet
Continental Automotive GmbH	A2C53434769	Low Power transmitter- vehicle immobilizer system
Continental Automotive GmbH	S180144014	Transmitter, Vehicle Remote Keyless Entry System
Continental Automotive GmbH	S122736202	Body Control Module - Vehicle Keyless Entry and Start System
Visteon	Mazda_Gen_6_HFT	Telematic Box with Bluetooth - Spread Spectrum Transmitter (Mazda)
Trimble Navigation Ltd.	500 Radio Product	PCS Licensed Transmitter - GSM/EDGE module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Intel Corporation	105BNHMW	Intel Centrino Wireless-N 105- 802.11b/g/n PCI Express Half Mini Card
Intel Corporation	135BNHMW	Intel Centrino Wireless-N 135- 802.11b/g/n PCI Express Half Mini Card
Intel Corporation	2200BNHMW	Intel Centrino Wireless-N 2200- 802.11b/g/n PCI Express Half Mini Card
Intel Corporation	6235ANHMW	Intel Centrino Advanced-N 6235 - 802.11b/g/n PCI Express Half Mini Card
Intel Corporation	2230BNHMW	Intel Centrino Wireless-N 2230 - 802.11b/g/n PCI Express Half Mini Card
Panasonic Corporation	DY-WL5	Digital Transmission System - Wireless LAN Adaptor
Sensormatic Electronics, LLC.,	AMS-1014	Part 15 Ant-Pilferage device
Daewoo IS Corporation	AGC-1055BT	Spread Spectrum Transmitter - for Car Audio

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Daewoo IS Corporation	AGC-1025BT	Spread Spectrum Transmitter for car audio
Realtek Semiconductor Corp.	RTL8723AE	Spread Spectrum System , and Digital Transmission System 802.11b/g/n Combo minicard
Qualcomm Atheros Inc.	AR5B22	Digital transmission System PCIE 802.11 a/b/g/n + USB BT 4.0 card
Broadcom Corporation	BCM943142HM	802.11b/g/n WLAN PCI-E Minicard
Samsung Electronics Co.,Ltd	WIBT30D	Bluetooth module to be used installed in televisions. Provides communication with host or end device.
Samsung Electronics Co., Ltd	WIBT30A	Bluetooth Module to be used installed in televisions. Provides communication with host or end device
Samsung Electronics Co.,Ltd.	SSG4100	3D glasses to be used with 3D with 3D televisions. Provides communication with host or end device
Samsung Electronics Co., Ltd.	RMCTPE1	Bluetooth remote control for use with third part devices connected to a television.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Symbol Technologies Inc.	AP-7131N	This device is an access point designed to enable wireless data networking.
Samsung Electronics Co., Ltd	WIDT20R	Wireless LAN module for use in host system. Provides communication with host or end device
Intermec Technologies Corporation	1000CP03S	Hand held computer with UMTS/CDMA , 802.11a/b/g/n + Bluetooth module
Samsung Electronics	VG-IRB2000	Bluetooth interface to provide communication between remote control and Samsung television. Must be used in conjunction
Honda Lock Mfg. Co., Ltd.	HLIK6-1T	Transmitter of Keyless Entry
Honda Lock Mfg. Co., Ltd.	HLIK6-1R	Immobilizer Unit and Keyless Receiver Unit
Continental Automotive GmbH	A2C53435329	Continental V36x Keyless entry system
Apple Inc.	A1416	Tablet PC with 802.11 a/b/g/n and Bluetooth LE

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Apple Inc.	A1430	Table PC with 802.11 abgn BT EDR /LE / GSM / WCDMA / LTE
Research In Motion	REX41GW	Handheld Blackberry with GSM/GPRS/EDGE 850/1900, 802.11b/g/n and Bluetooth
Nintendo of America Inc.	RVL-036	The new Nintendo Wii Remote Plus model RVL-036 is a new version of the Wii Remote Control already approved in Jamaica bu
Nintendo of America Inc.	RVL-101	The game console model RVL-101 uses the wireless technology IEEE 802.11 B/G (FCC ID: EW4DWMW016 and MCLJ27H010) and Blue
Panasonic Corporation Automotive Systems Company	HK1210A	Hands-free unlock (Driver seat, Assistant seat, Trunk), and engine start. Remote Keyless entry
Panasonic Corporation Automotive Systems Company	HM1120CA	Hands-free unlock, Engine start, Remote keyless entry Power control
Clarion Co., Ltd	PF-3489	Car radio with CD Player and Bluetooth module
Clarion Co., Ltd	PF-3494	Car radio with CD Player and Bluetooth module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Lear Corporation	KOJBG10B	Passive Entry/Start system designed to allow hands free unlocking of the vehicle doors and engine starting with a push o
Delphi	L2C0049TR	Vehicular object detection radar, included in motor vehicles at vehicle manufacture.
Fluke Network	OPVXG, OPVXG-10G, OPVXG-PRO, OPVXG-EXPT	Network Analysis Tablet: 802.11 a/b/g/n wireless handheld tester
Intel Corporation	62205ANSFF	Wireless Network Adapter - Intel Centrino Advanced-N 6205
Panasonic	RC2991101	Touch Pad Controller designed to facilitate TV operation.
Panasonic	N5HBZ0000057	A wireless LAN Adapter designed to work with an Access Point to give WiFi function to Televisions.
Realtek	RTL8723AS	Combo module is pre-installed into computers to give WiFi and Bluetooth capabilities.
Research in Motion Ltd	BSA-3C0	Blackberry Music Gateway, Spread Spectrum Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Research In Motion Ltd.	REV71UW	Blackberry 9320 Smartphone Wireless Handheld, with GSM/EDGE 850/900/1800/1900, WCDMA/HSDPA bands FDD 1, !!, V Bluetooth
Nintendo	CTR-001 (J27H023)	Nintendo 3DS Handheld game device
Enterasys Networks Inc.	AP3640-NAM	Enterprise level Wireless Accesss Point
Enterasys Networks Inc.	AP3610	Enterprise level Wireless Accesss Point
Hitachi	HICELLULAR100	This device is a data transmission unit for installation into construction machinery, such as Excavators, Bulldozers, Wh
Ford	SYNC Gen1 Global	The SYNC Gen1 Global is a Bluetooth Car Kit with hands-free and stereo audio functionality which uses Bluetooth technolo
Research in Motion	REH51UW	PCS Licensed Transmitter, Spread Spectrum , Digital Transmission System - Tablet PC
Qualcomm Atheros Inc	AR5BMD22	802.11 a/b/g/n + BT Combo Card

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Askey Computer Corp	WLU6111-D69	Digital Transmission System 802.11b/g/n Module
Symbol	21-148603-0B	Radio Module - 802.11a/b/g/n WLAN , Bluetooth and GPS
Fidelity Motors Limited	CWTWK1A002	Low power transmitter vehicle immobilizer Antenna
Hyundai MOBIS	AM111GMGN	Digital car audio system with Bluetooth function
Hyundai MOBIS	AM110GMGN	Digital car audio system with Bluetooth function
Hyundai Mobis Co., Ltd	AM111A7GN	Spread Spectrum Transmitter for Car Audio
Hyundai MOBIS Co., Ltd.	AM110A7GN	Spread Spectrum Transmitter Car Audio
Qualcomm Atheros, Inc.	QCWB335	Spread Spectrum Transmitter - 1x1 802.11 b/g/n - BT4.0 Combo PCIe minicard

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
AUDI	P102	Spread Spectrum Transmitter, Audi BT Headphone P102
Realtek	RTL8188EE	The miniCard is pre-installed into computers to give WiFi (802.11b/g/n) capability.
RadioLinx	RLXIB-IHN-W	This is a 802.11a/b/g/n hotspot that will be used in industrial areas.
Kronos	8609000-003	RFID Module for the Kronos InTouch 9000 Terminal that is a touch screen time clock that allows offices to help their emp
Kronos	8609000-005	RF module for the Kronos InTouch 9000 Terminal that is a touch screen time clock that allows offices to help their emplo
Panasonic	VBTDC1.0	Car audio radio with Bluetooth module.
Hyundai MOBIS	AC210GFGN	This is a digital car audio system with Bluetooth function.
Broadcom Corporation	BCM94330UARTSDB	802.11bgn WLAN + BT Combo Card, Spread Spectrum and Digital Transmission System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Visteon	MAZ	Spread Spectrum Transmitter, JCI Bluetooth Module
FUJITSU TEN LIMITED	FT0018A	CD Receiver with Bluetooth
Canon	WM217	WLAN 802.11b/g/n module installed in camera
Honda	TWD1U827	IMMOBI keyless receiver unit used for HONDA keyless entry
Schrader	FE3MAF4	Tire Pressure Monitoring (TPM) transmitter used as part of tire pressure monitoring system included in Ford Motor Compan
HONDA	TWB1U859	Keyless entry device used in HONDA vehicles
Panasonic	MIB_Std	Car audio radio with Bluetooth module for hands-free telephony and a GPS receiver for navigation.
Hyundai Mobis	AM111A4GN	Digital Car Audio System with Spread Spectrum Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Hyundai Mobis Co. Ltd	AM110A4GN	Digital Car Audio System with Spread Spectrum Transmitter
Qualcomm Atheros Inc.	WCN3660	Digital Transmission System/ Spread Spectrum Transmitter - 802.11a/b/g/n + USB BT 4.0 card
D Link Corporation	DWA-131	Digital Transmission System wireless N Nano USB adapter
Nintendo	CTR-001	Handheld 3DS game device with two new radio modules manufactured by Hon Hai Precision Ind. Co., Ltd (Foxconn) model J27H
Nintendo	SPR-001	Nintendo 3DS gaming device.
Hyundai MOBIS	AM110DMMN	Digital car audio system containing Bluetooth technology.
Hyundai MOBIS	AM910DMMN	Digital car audio system containing Bluetooth technology.
FOXCONN	T77H395	Low power communication device.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Symbol	MC67NA	MC67NA is a mobile computer designed for use in enterprise environments.
LG ELECTRONICS	LSP2GTS	AM/FM STEREO RADIO, WITH SPREAD SPECTRUM TRANSMITTER, DIGITAL TRANSMISSION SYSTEM
Canon Inc.	CH9-1242	GPS Module installed in digital camera
Samsung Electronics Latinoamerica Miami, Inc	E2220	850/1900 GSM Phone with spread spectrum, PCS transmitter.
Samsung Electronics Latinoamerica Miami, Inc	E2230	850/1900 GSM Phone with Spread Spectrum, PCS Transmitter
Samsung Electronics Latinoamerica Miami, Inc	E1205	Cellular/PCS GSM Phone
Samsung Electronics Latinoamerica Miami, Inc	S5830	Cellular/PCS GSM/WCDMA phone with WLAN and Bluetooth
Samsung Electronics Latinoamerica Miami, Inc	S5360	Cellular/PCS WCDMA/GSM/EDGE Phone with WLAN and Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Samsung Electronics Latinoamerica Miami, Inc	B5330	Cellular/PCS WCDMA/GSM/EDGE Phone with WLAN and BLuetooth
Samsung Electronics Latinoamerica Miami, Inc	I9300	Cellular/ PCS GSM/EDGE/WCDMA phone with WLAN, Bluetooth and RFID
Samsung Electronics Latinoamerica Miami, Inc	N7000	Cellular/ PCS GSM/WCDMA phone with WLAN, Bluetooth
Canon Inc.	CH9-1230, CH9-1240	GPS Module installed in digital Camera
Canon Inc.	CH9-1214, CH9-1225	Wireless Module installed in digital Camera
Canon Inc.	ZC-ST	Wireless Module
Alps Electric Co., Ltd.	TWB1U761	Keyless Entry Transmitter
Canon Inc.	K30326	Wireless LAN Module for use in Canon Printers

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Canon Inc.	K30345	WLAN module for Canon Printers
Apple Inc.	A1428	Mobile Phone with Multimedia functions, Cellular GSM, UMTS, DC-HSDPA & HSUPA+, and LTE radio, IEEE 802.11a/b/g/n radio
Apple Inc.	A1421	Multimedia player with Spread Spectrum Transmitter, Digital Transmission System, 802.11a/b/g/n and Bluetooth
Apple Inc.	A1446	Portable Media Player with Bluetooth Radio and FM radio (Digital Transmission System and Spread Spectrum Transmitter)
Harman Becker Automotive System	NBT	Car infotainment system with Bluetooth, W-LAN, GPS, KLEER(Spread Spectrum and Digital Transmission System)
Robert Bosch Car Multimedia GmbH	NG 2.0 HMI	HMI Infotainment module with Spread Spectrum transmitter and Digital Transimission System
Canon	PC1587	Digital camera with GPS module installed
Canon	PC1675	Digital camera with GPS module installed

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental	M3N32297200	Ignition Node Module contains customer interface for the vehicle ignition switch activation.
Continental	M3N32297100	Low power transmitter/ car remote controller
Alps Electric Co., Ltd.	TWC1G154	Communications Receiver used with transmitter (Passive Entry System - Tuner)
Alps Electric Co., Ltd	TWC1G124	Communications Receiver used with Pt 15 transmitter - TPMS/Keyless tuner
GoPro	ARMTE-001	Digital Transmission System - GoPro WiFi Remote
Woodman Labs, Inc (dba GoPRO)	CHDHN-301	Digital Transmission System
GoPro	CHDHE-301	Digital Transmission System - digital HD camera
Continental	M3N32296000	Radio frequency transceiver used in vehicle locking/unlocking systems

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental	M3N-40821803	Keyless Ignition Node module contains the customer interface for ignition switch activation
Continental	28-4138-32XX-2-00	Radio frequency transmitter used in vehicle locking/unlocking systems.
Continental	5WY8828	Tire Pressure Monitoring System for vehicles
Canon	CH9-1216	A digital camera with a wireless module.
Nintendo	WUP-001	Gaming device with variety of non-gaming features
Nintendo	WUP-101	Gaming device with variety of non-gaming features
Nintendo	WUP-010	Gamepad used with Nintendo Wii U game system
Nintendo	WUP-005	Nintendo Wii U Pro controller used with Nintendo Wii U game console.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Hero3 Black Edition	CHDHX-301	Digital camera with wireless module
Rosemount	2051/3051	Wireless Pressure Transmitter
Broadcom Corporation	BCM94352HMB	802.11 a/b/g/n/ac WLAN + BT PCI-E Combo Card
Broadcom Corporation	BCM94330LGA	802.11 abgn WLAN + Bluetooth Card
Ubiquity Inc	Rocket M5 - RM5	Wifi Router
Symbol	AP-650	802.11a/b/g/n Wireless LAN Access Point
Apple Inc.	A1432	Spread Spectrum and Digital Transmission System Tablet
Apple Inc.	A1458	Spread Spectrum Transmitter and Digital Transmission System Tablet

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental	A2-C732-0090-2-00	Radio receiver module to be installed into vehicles.
Apple inc	A1454	Tablet with Spread Spectrum Transmitter, Digital Transmission System and PCS Data Communications
Apple Inc.	A1459	Tablet with Spread Spectrum Transmitter, Digital Transmission System and PCS Data Communications
Continental	A2C53409287	Vehicle Immobilizer System
Continental	A2C53409480	Vehicle Immobilizer System
Research In Motion Limited	RFG81UW	BB STL100-1 Smartphone Wireless Handheld with GSM/EDGE 850/900/1800/1900, WCDMA/HSDPA Bands, 802.11a/b/g/n, Bluetooth, N
Panasonic	NTG4.5(1CD)	Audio car radio with Bluetooth handfree
Panasonic	NTG4.5(6CD)	Car audio radio with Bluetooth handfree

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Johnson Controls Interiors LLC	SAHL5B	HomeLink 5 Universal Garage Door Opener
Nintendo	RVL-201	Nintendo Wii mini game console
Wistron NeWeb Corp	DBUB-P705	Bluetooth Adapter
LG Electronics, Inc.	LAC9313SE	am/fm car radio with bluetooth
Denso	12BDP	Remote Keyless Entry System
Denso	1512V	Remote Keyless Entry System
Denso	12BBY	Remote Keyless Entry System
Denso	13BAA	Remote Keyless Entry System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Denso	13BDD	Remote Keyless Entry System
Denso	13BDC	Remote Keyless Entry System
S1nn GmbH & Co. KG Becker-Goring-Str. 16	UMI	Bluetooth car kit
Weifang GoerTek Technology Co., Ltd	TY-TP10U	Touch Pen with Bluetooth
Weifang GoerTek Technology Co., Ltd	TY-ER3D5MA	3D Eyewear Device with Bluetooth
Symbol	MC4597	Mobile computer designed for use in enterprise environments
DENSO	13BDR	Remote Keyless Entry System
Denso	12BDS	Remote Keyless Entry System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Denso	2AB	Remote Keyless Entry System
Denso	UPE01	Remote Keyless Entry System
ITRON	Anyquest Cyble	Radio Module for - REMOTE WATER METER INDEX
Universal Electronics Inc.	060-2284	JPN Panasonic Viera TV Touch Pad BT remote - Spread Spectrum Transmitter
Mitsubishi Electric Co., Ltd.	NR-172	Multimedia Car Radio with Bluetooth transciever- Spread Spectrum Transmitter
Tokai Rika Co. Ltd.	RI-33BTY	LOW PWER TRANSMITTER - IMMOBILIZER
Tokai Rika Co. Ltd	B74EA	Low power transmitter - Smart Entry System
Nikon Corporation	DW092	Digital Transmission System - Wireless LAN Module installed Camera

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Denso	14AER	Remote Keyless Entry System
Denso	13BDW	Remote Keyless Entry System
Denso	13CZY	Remote Keyless Entry System
Nintendo	WUP-001	New Nintendo Wii U Game Console Contains Mitsumi Radio Modules
Nintendo	WUP-101	New Nintendo Wii U Game Console Contains Mitsumi Radio Modules
MediaTek Inc.	MT7630E	Spread Spectrum Transmitter/ Digital Transmission System - 802.11b/g/n 1T1R Combo Card
Hyundai MOBIS Co. Ltd	AC110TMGN	Digital Car Audio System with Bluetooth
Hyundai Mobis Co., Ltd.	AC110GFGN	Digital Car Audio System with Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Nintendo	WUP-010	New Nintendo Wii Game Pad Controller contains Mitsumi radio modules
Tokai Rika	RI-42BTY	Vehicle Theft Prevention System
Tokai Rika	RI-38BFH	The immobilizer is a theft prevention system that prevents the vehicle's engine from start if the specific key is not pr
Tokai Rika	B41TA	Transmitter for Remote Keyless Entry System
Continental	S180192100	Remote Keyless Entry System
Visteon Corporation	VE-BT001	ULC Medialess Raio/Bluetooth enabled car radio ulitized for driver convenience and saftey application
Delphi Electronics and Saftey	L2C0051TR	Object detection radar utilized for vehicular saftey and convenience applications.
Meraki	MR12	Wireless Access Point For Internet Access

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Meraki	MX60W	Wireless Access Point for Internet
Mistubishi	NR-207	Car Multimedia Navigation with Bluetooth, Klear & GPS
SAMSUNG	AA-SR2PWUB	Low power wireless receiver
SAMSUNG	AA-SM5PWPB	Low Power Communication Device - wireless mouse
SAMSUNG	AA-SM6PWPB	Low Power Communication Device Transmitter - Wireless Mouse
SAMSUNG	AA-SK5PWUB	Low Power Communication Device Transmitter - Wireless keyboard
SAMSUNG	AA-SK6PWUB	Low Power Communication Device Transmitter - Wireless Keyboard
Meraki Inc.	Z1	Spread Spectrum Device Wireless Local Area Network

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Tokai Rika	B42TA	Remote Keyless Entry System
Meraki	MR24	Wireless Access Point for Internet
Meraki	MR16	Wireless Access Point for Internet
Meraki	MR62	Wireless Access Point for Internet
Nissan	TWB1U787	Passive Entry System (Hand Unit)
Rosemount	3308A	The Rosemount Wireless Guided Wave Radar Transmitters are designed for permanent installation in industrial environments
Steelcase	2002516-001	This is a USA Dongle with bluetooth that will communicate wirelessly with a whiteboard.
Nissan	TWC1G135	Communications Receiver used w/Pt 15 Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Toyota Motor Corporation	TMIMB-1	Vehicle Immobilizer- Low Power Transmitter
Toyota Motor Corporation	TMIMB-2	Smart LF Immobilizer - Low Power Transmitter
Toyota Motor Corporation	TMIMB-3	Immobilizer - Low Power Transmitter
Toyota Motor Corporation	TMLF8-2	Smart LF Oscillator - Low Power Transmitter
Toyota Motor Corporation	TMLF8-15	Smart LF Oscillator - Low Power Transmitter
Toyota Motor Corporation	TMLF10-6	Smart LF Oscillator - Low Power Transmitter
Continental	VP2	Bluetooth system is the hands free functionality in combination with the car internal loudspeaker and microphone.
Nissan	TWK1A002	Part 15 Low Power Transmitter Below 1705 kHz

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Hella KGaA Hueck & Co.	LCA 2.0	Diriver assistant system to warn the driver of the vehicle against potential collision
DIEHL METERING	HYDRUS 171A	Water Meter with remote communication
Subaru	SSPIMB03	Vehicle Theft Prevention System
Denso Corporation	12BEW	This system is mainly used for locking or unlocking the doors of the vehicle. It sends a radio signal while the button i
Daimler	NTG5 HU	Infotainment System supporting BT, WLAN and Kleeer
Nikon Corporation	COOLPIX S5200	Digital Camera with Digital Transmission System
Nikon Corporation	COOLPIX S6500	Digital Transmission System - Digital Camera
Subaru	SSPLF03	Transmitter for Smart Key System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental	5WY7132	Immobilizer subsystem
Tokai Rika	RI-20BTY	Vehicle Theft Prevention System
Hyundai	AM210TFGN,RHD	Car Stereo with Bluetooth, USB 2.0, used to play CDs and interconnect with other music players.
Symbol Technologies Inc.	SB1	The SB1 is an enterprise class wearable communication device with b/g/n 2.4 GHz WLAN and a barcode scanner
Broadcom	BCM94360CD	Intended for use in PCs, NBs or other portabe devices
Continental	V4x	Remote Keyless Entry System/ Keyfob
Dell	KM713	This device is a keyboard that connects wirelessly to pc ot notebook computers.
Dell	MG-1090	The device is a mouse that connects wirelessly to PC or notebook computers using the 2.4 GHz band.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
DELL	RG-1091	This device is a dongle that connects keyboard and Mice wirelessly tp PC or notebook cumputers using 2.4 GHz band.
Honda	TWK1A026	Engine start/stop switch with immobilizer antenna
Canon	WM219	Digital Camera With Wireless Module
Tokai Rika	RI-52BTY	Vehicle Theft Prevention System
Broadcom	BCM94360CS2	Wireless module with WLAN and Bluetooth
Denso	1AA	Remote Keyless Entry System
Tokai Rika	B71TA	Remote Keyless Entry System
Panasonic MY13	GA-130-COLR-NS	This is a Radio Receiver, Bluetooth connection and GPS receiver unit that is scheduled to be installed in the new Genera

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Canon	WM218	Wireles module for Digital Camera
Magneti Marelli	EN1	Car Audio Radio System
Research In Motion	RFN81UW	BB Q10 SQN100-3 Wireless Handheld Device GSM/EDGE 850/1900,WCDMA/HSDPA Bands (FDD II, V), BT, 802.11 a/b/g/n, NFC, GPS
Qualcomm Atheros Inc.	QCA9005	Modem (2x2 802.11 a/b/g/n/ad + BT Module
Toyota	TMLF10-13	Smart LF Oscillator
Toyota	TMLF10-51	Smart LF Oscillator
Wilocity Inc.	WIL6110	Data Transmission WiGig - 802.11ad
Samsung Electronics Latinoamerica Miami, Inc	S6310L	Portable Handset - Spread Spectrum Transmitter, Digital Transmission System , PCS Licensed Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Nissan	TWB1G767	This device is used to lock and unlock the doors of the automobile it is used in.
WNC	DFCN-2	This device is a NFC module that enables devices to communicate wirelessly with other NFC devices in the 13.56 MHz band
Hyundai Mobis	AM110B2GN	This device is a Bluetooth car audio device that allows wireless connectivity with other Bluetooth devices.
Toyota	PVH-4938	System to Produce Audio for Cars
Tokai Rika	BA1EQ	Electronic Key
Tokai Rika	BA2EQ	Electronic Key
Samsung Electronics Latinoamerica Miami, Inc.	I8190L	PCS Licensed Transmitter held to ear Cellular/ PCS GSM/EDGE/WCDMA Phone with WLAN and Bluetooth,
Samsung Electronics Latinoamerica Miami, Inc.	I9500	PCS Licensed Transmitter held to ear Cellular/ PCS GSM/EDGE/WCDMA Phone with WLAN, Bluetooth and RFID

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Samsung Electronics Latinoamerica Miami, Inc.	N7100	Cellular/ PCS GSM/ WCDMA Phone with WLAN, BLUETOOTH, and RFID
Dell Inc.	DWRFID1301	Low Power Communications Device
Fujitsu Ten	FT0045A	Car Audio Radio With Bluetooth Technology
Fujitsu Ten	FT0052A	Car Audio Radio with Bluetooth Technology
Toyota	PVH-4738	System to Produce Audio for Cars
Pioneer	PVH-2738	Car Audio Radio With Bluetooth
Hyundai Mobis	AM111MDMN	This is a car audio device with blurthooth functions.
Hyundai Mobis	AM911MDMN	This device is a bluetooth car audio device

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Boston Scientific Corp.	ZOOM Latitude Programmer Gamera - 3140	Medical Telemetry
Boston Scientific Corp.	AUTOGEN FAMILY (AUTOGEN, DYNAGEN)	Low power Implanted Transceiver, Rx verified
Intel	7260NGW	Wireless Network Adapter
Intel	7260HMW	Wireless Network Adapter Card
Pioneer	PVX-2538	Car Audio Radio With Bluetooth
Pioneer	PVH-2528	Car Audio Radio With Bluetooth
Clarion	PF-3632	Car Audio Radio With Bluetooth
Hyundai	AM110SLGN	Digital Car Audio Radio With Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Hyundai	AM211SLGN	Digital Car Audio Radio With Bluetooth
Daimler	NTG5 FU	Fond Unit with BT, KLEER
Panasonic	VBTDC1.5	Bluetooth Module
Qualcomm	QCMD335	This device will be used for WLAN and Bluetooth data transmission
Qualcomm Atheros	QCWB342	This device will be used for WLAN and Bluetooth data transmission
Nissan	BN008	This device is a Smart Keyless and Engine Start device.
Canon	GYCFDMAXX	This is a GPS receiver module
Canon	CH9-1346	WLAN Module for digital camera

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Broadcom	BCM943241NG1630	Intended for Use in PC or Portable Device Allowing Bluetooth and WLAN Capabilities
Realtek	RTL8723BE	Wireless LAN (WLAN) PCI Express network interface controller with integrated Bluetooth.
Hyundai Mobis	AC110B4GN	Car Audio System with Bluetooth Technology
Realtek	RTL8192EEBT	802.11b/g/n Combo module pre-installed into Computers to give WiFi and BT connectivity.
Denso Japan	14ACX	This device is used to lock and unlock vehicle doors.
Denso	13CZM	This device is used to facilitate the locking and unlocking of vehicle doors
Foxconn	T77H446	NFC 13.56MHz RFID Transceiver module
Belkin	G3A2000	Music Receiver with Bluetooth Functionality

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Broadcom	BCM94360CS	802.11a/g/n/ac WLAN.
Apple Inc.	A1509	Multimedia player with Spread Spectrum Transmitter, Digital TRanmission System, 802.11a/b/g/n and Bluetooth
BlackBerry	RFT81UW	Smart Mobile Phone
Canon Inc.	K30356	WLAN module used for Wireless communications in Ink Jet Printers
Research In Motion Limited	RFF91LW	Smartphone Handheld Device with GSM/EDGE 850/900/1800/1900, WCDMA/HSDPA Bands (FDD I, II, V, VI), LTE (Bands 2, 4, 5, 17
Intel Corporation	6235ANNGW	802.11 a/b/g/n PCI Express Half Mini Card - Spread Spectrum, Digital Transmission System
Continental	40527612	This device is a vehicle control system
Fujitsu Ten	FT0057A	Car Audio Radio with Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Panasonic	NTG5*1 CD	Car Audio Radio With Bluetooth
Panasonic	NTG5*1 BASE	Car Audio Radio With Bluetooth
Hero3	CHDX-302	Digital Camera
SAMSUNG	AA-SR8PWUW	Low Power Transceiver
BlackBerry	RFU81UW	Smartphone
Denso	14AHB	Electronic Key for locking and unlocking vehicles remotely
Subaru	FJ14-1	Lock/Unlock doors of a vehicle
Intel Corporation	3160NGW	This device will be used for WLAN and Bluetooth data transmission.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Intel Corporation	3160HMW	This is a WLAN and Bluetooth device that operates in the 2.4 GHz band.
Honda	DEH-4648ZH	Car Audio Radio With Bluetooth
Beats Electronics, LLC	B0513	Portable BT Speaker, Spread Spectrum Transmitter
Samsung	AA-SK8PWUW	
Qualcomm Atheros Inc.	QCA6234	WLAN and Bluetooth 2x2 802.11a/b/g/n
Samsung	AA-SM9PWRW	A Mouse that Connects to Computers Wirelessly using the 2.4GHz Band
Visteon	MAZDA_GEN_65_CMU	Automotive Electronics Infotainment Head unit with Bluetooth and WLAN
Microsoft Corporation	C3K1516	This is a tablet with WiFi and bluetooth capability.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Realtek	RTL8821AE	This device is a module with 802.11/a/b/g/n/ac and Bluetooth functionality
HERO3+	CHDHN-302	This digital camera has WiFi capability and is intended to be used during extreme sports
Samsung Electronics	AA-BK1NWBW	This is a Book Cover Keyboard with Bluetooth functionality
Subaru	SSPIMB02	Vehicle Theft Prevention System
Subaru	SSPLF02	This Device is Part of a Smart Locking System for Motor Vehicles
Microsoft	1575	This device is for use with the Xbox gaming console.
Microsoft	1409	This device is for use with the Xbox gaming console
Micosoft	1410	This device is for use with the Xbox gaming console

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Microsoft	1403	This device is for use with the Xbox gaming console
Microsoft	1460	This device is for use with the Xbox gaming console
Microsoft	1488	This device is for use with the Xbox gaming console
Microsoft	1491	This device is for use with the Xbox gaming console.
Symbol	TC55AH	Spread Spectrum, Digital Transmission System, UNII, NFC, PCS Touch Computer
Canon Inc	K30357	Digital Transmission System- Wireless LAN module
Microsoft	1501	This device is for use with the Xbox gaming console
Panasonic	DNUA-P75	This device is a WLAN module that enables television to connect to a Wi-Fi network.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Fujitsu Ten	FT0054A	This device is a Car Navigation System with Bluetooth and WLAN
Continental	SRR2-B	Automotive blind spot detection sensor radar
Ford	KMHSYNCG2	Voice-activated, hands-free, in-car communications with Bluetooth and Wi-Fi
Apple Inc.	A1532	Hand-Held Smart Phone with Bluetooth and WLAN radio
Apple Inc.	A1533	Hand Held Smart Phone with Bluetooth and WLAN radio
Qualcomm Atheros	QCNFA222	This is a device used for WLAN and BT transmission
Qualcomm Atheros	QCNFA355	This device will be used as a WLAN and BT transmitter
Enterasys Networks	WS-AP3705i	This device is a WiFi indoor access point

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
BlackBerry	RFW121LW	Smartphone with Bluetooth 4.0, 802.11b/g/n, GPS, UMTS, NFC, GSM, LTE and other functions.
BlackBerry	RFY111LW	Smartphone with Bluetooth 4.0, 802.11b/g/n, GPS, UMTS, NFC, GSM, LTE and other functions.
Broadcom	BCM94352Z	802.11a/b/g/n/ac WLAN + Bluetooth PCI-E Mini Card
Enterasys Networks	WS-AP3715e	WiFi indoor access point
Enterasys Networks	WS-AP3715i	Wifi Indoor access point.
Audi	PPIS UMTS II	GSM/GPRS/UMTS/HSPA Module
Nissan	TWC1G124	This Device Receives RF Signals from a TPMS and Keyless System for Automobiles
Lear	7600000 family	RKE & TPMS Automotive Integrated Receiver

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Nissan	TWB1U761	This Device is Used for Remote Keyless Entry into Nissan Vehicles
SHARP Corporation	DHUB-SP1	WLAN/Bluetooth Combo Module
Beats Electronics	B0514	Portable BT Speaker- Spread Spectrum Transmitter and Low Power Communication Device
Beats Electronics, LLC	B0501	Studio Wireless- Digital Transmission System and Spread Spectrum Transmitter
Sensormatic	AMB-9010-IPS	Anti-Pilferage Device
Apple Inc.	A1474	Ipad Air - Tablet Device : Spread Spectrum, Digital Transmission System
Apple Inc.	A1475	Ipad Air Tablet Device - Spread Spectrum, Digital Transmission System, PCS
Apple Inc.	A1489	Ipad Mini Tablet Device with Spread Spectrum and Digital Transmission System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Apple Inc.	A1490	Ipad Mini Tablet Device with Spread Spectrum Transmitter, Digital Transmission System and PCS
Nissan	TWB1G662	This Device is Used For Remote Keyless Entry into Nissan Vehicles
Honda Lock	HLIK6-3T	RKE device for vehicle
Johnson Controls Automotive Electronic SAS	CMF-IMMO	Low Power transmitter: Antitheft Immobilizer
Panasonic	FC6000TN	Car Audio Radio With Bluetooth
Toyota	PVH-2648	Car Audio Radio With Bluetooth
Subaru	GSREU52	This Device Receives RF Signals from a Keyless Remote via an RF Antenna
Subaru	TF001	This Device is Used for Remote Keyless Entry into Vehicles

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Canon	WM223	Wireless Module for Digital Camera
Broadcom	BCM943142Y	802.11bgn WLAN + Bluetooth Mini Card
Panasonic	060-2309	Panasonic Touch Pad Controller: Spread Spectrum Transmitter
Toyota Motor Corporation	TMLF-5	Smart LF Oscillator- Low Power Transmitter
Intel	PBA5001	802.11a/b/g/n/ac WLAN + Bluetooth Radio Adapter
Denso	4AA	Remote Control Transmitter
Murata	LBWA1ZZYM6	Communication Module
Nintendo	DWM-W082	This devices is used in the Nintendo 2SD handheld game for WiFi communication.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Nintendo of America Inc	J27H023.01	This devices is used in the Nintendo 2DS to allow WiFi commuication.
Intel Mobile Communications	7260SDW	802.11a/b/g/n/ac + BT radio adapter
Continental Automotive GmbH	S180150008	Tire Pressure Monitor System
Meraki Inc	MR66	802.11 abgn Outdoor Access Point
Intermec Technologies Corporation	1000CP02U	CN70e Mobile Computer with 802.11abgn, BT and cellular
FOXCONN	T77H506	802.11abgn + BT4.0 module
Ability	WSDB-686GN	IEEE 802.11b/g/n Wi-Fi
ruwido	2738	This is a remote control using KLEER technology

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Cisco Systems Inc.	Mekaki MR34-HW	This device will be used to provide internet access to several users
Tokai Rika	B77EA	Electronic Key
Hyundai Mobis	AC110C1GN	Digital Car Audio Radio
Daimler	P104	Wireless Headphone using KLEER technology
LSR	TiWi-BLE	This device will be used to provide WLAN and BT functionality when integrated in the host device.
Sensus	iPerl DN 15&20	Smart Water Meter
Autoliv ASP Inc.,	6234734	Low Power Communication - Narrowband Automotive Short Range Radar
Toshiba Corporation	QCNFA125	This device will provide WLAN data transmission

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Intel	3160SDW	Wireless Adapter
Mitsumi	CH9-1352	This receiver module is used in Canon digital cameras to receive GPS signals
Hyundai Mobis	AM110A9GN	Digital Car Audio Radio
Hyundai Mobis	AM111A9GN	Digital Car Audio Radio
Canon	PC2063	Digital Camera with GPS Module
Broadcom	BCM943162ZP	This Wireless/Bluetooth Card is to be used in PCs, tablets and other mobile devices
Pioneer Corporation	NXH-0018	This is a device used in a car navigation system as a transceiver
Pioneer Corporation	NXH-0618	This device is used to interface with a car navigation system

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Delphi Deutschland GmbH	MIB2 STD	Head Unit Bluetooth Technology- Spread Spectrum Transmitter
Foxconn	T77H519	This module allows for contactless exchange of information between devices
Hyundai Mobis	AM211A9GN	Digital Car Audio System - Spread Spectrum
Ubiquiti	M5/M2/M900/AF24	Digital Transmission System
Samsung Electronics Latinoamerica-Jamaica	S5310L	Cellular/PCS GSM/WCDMA phone with WLAN, Bluetooth-
Samsung Electronics Latinoamerica-Jamaica	I9190	Cellular/PCS GSM/WCDMA phone with WLAN, Bluetooth and RFID
Samsung Electronics Latinoamerica-Jamaica	N900	Cellular/PCS GSM/WCDMA phone with WLAN, Bluetooth and RFID
Samsung Electronics Latinoamerica-Jamaica	S6810L	Cellular/PCS GSM/WCDMA phone with WLAN, Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental Automotive GmbH	A2C53286992 & A2C53393482	Keyless Vehicular Module
Continental Automotive GmbH	5WK4725	Wireless locking/unlocking of vehicle
Continental Automotive GmbH	5WK48791	Wireless locking/unlocking of vehicle
Pioneer Corporation	CVH-8038ZH	This device is use in the car audio system.
Intel Mobile Communications	7265NGW	This device is used for wireless data transmission.
Rosemount	775	Smart Wireless Bluetooth Adapter
Ford	KMHSG1P1	This is an in-car entertainment device using the bluetooth mode of communication
Quake Global	Q1200-SG Caterpillar Version	Quake Global - mobile Earth terminals with Non-Voice, Non-Geostationary mobile satellite system

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Cisco	MR18-HW	IEEE 802.11a/b/g/n Wireless Access Point
Pioneer Corporation	PVH-4248	This is a bluetooth device used in car audio system
Pioneer Corporation	PVH-3848	The device is a bluetooth car audio device.
Pioneer Corporation	PVH-3948	This is a bluetooth car audio device
Toyota	TMLF10-55	Remote Keyless Entry System
Hyundai	AM110C5GN	Digital Car Audio System
Hyundai	AM111C5GN	Digital Car Audio System
Symbol	RA1001A	UHF Radio Transceiver Module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Schrader	AG2SZ3	This is a wireless tire pressure and temperature sensor included in vehicles for driver's safety
Schrader	AG2SZ4	This is a wireless sensor capable of measuring pressure and temperature within a wheel
Beats Electronics LLC	B0516	Spread Spectrum Device - Powerbeats Wireless with Bluetooth
Harman Becker Automotive Systems, Inc.	VP4	Spread Spectrum Transmitter, Automotive infotainment unit
Yanfeng Visteon Automotive Electronics	BTM01	Spread Spectrum Transmitter with Bluetooth module
Gentex	SAHL5B	This device is a Universal Garage Door Opener installed in Vehicles
Realtek	RTL8723BS	This module allows laptop computers to connect to a WiFi network and bluetooth devices
Continental Automotive	VP1	This device is used in a car and have bluetooth functionality

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Dell	DWRFID1401	This module will be used in various dell laptops to provide a security fucntion for applications such as secure login.
Panasonic	HK1310A	This device is used for hands-free unlocking and engine starting in motor vehicles
Panasonic	HK1310B	This device is used for hands-free unlocking and engine starting in motor vehicles
Pioneer Corporation	PVH-4548	This is a car radio with bluetooth capability
Panasonic Corporation	HM1130CA	This is used as a hands-free device for starting engine, remote keyless entry and power control of a motor vehicle
COMPEX	WLE200NX	Wireless Mini PCIe LAN Adapter - 802.11a/b/g/n
FORD MOTOR COMPANY	SYNC	Bluetooth Car Kit - Spread Spectrum Transmitter
Autoliv ASP Inc.	6266260	Vehicle Radar Sensor, Low Power Communication Device

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Hyundai	AM111IHGN	Digital Car Audio System
Hyundai	AC110SBGN	Digital Car Audio System
Delphi	F15-AM433TX	This is a transmitter of a keyless entry system for vehicles
Tokai Rika	BM1EW	This is an electronic key for a smart entry system for vehicles
Tokai Rika	BA2TA	This is a Transmitter for a Remote Keyless Entry System for vehicles
Clarion Co. Ltd	PF-3758	This is a car radio with bluetooth
Clarion Co Ltd	PF-3757	This device is a car radio with bluetooth
TechniSat Digital	MIB STD 2	This device is a head unit with Bluetooth functionality

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
ALPS Electric Co Ltd	TWEIG0003	This product is a transmitter used for keyless vehicle entry.
Delphi	FI3-125kHz	This device protects cars against theft using an electronic engine locking system
Delphi	FI4-125kHz	This device protects cars from theft by using an electronic engine locking system
Automotive Distance Control Systems	ARS4-A	Field Disturbance Sensor
BlackBerry Limited	RGY181LW	Mobile phone with GSM/GPRS/EDGE 850/1900, WCDMA/HSPA FDD 2,4,5, LTE Bands 2,4,5, 13,17, 802.11 a/b/g/n/ac, Bluetooth, NF
Cisco System	MR26-HW	Wireless 802.11 abgn AP with SDR
HUMAX AUTOMOTIVE Co., Ltd.	HAGM1006	Spread Spectrum Transmitter - Car Audio
Qualcomm Atheros, Inc.	QCNFA34AC	Part 15 Spread Spectrum Transmitter - 802.11 a/b/g/n/ac + BT 4.1 M.2 Type Card

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental	Fobik:S180227006	This is an Electronic Key for a Keyless Entry System for Vehicles
Toyota	TS-9TY	Transmitter installed in motor vehicles and used as part of a Smart System to lock/unlock doors
Broadcom	BCM943228Z	Wireless Card
Silex	SX-BR-4600WAN	Wireless LAN PCI Express Mini Card Module
ISUZU	EMU470102	Passive Entry and Smart System for Vehicles
Isuzu	EMU470711	Passive Entry and Start System for Vehicles
Isuzu	EMU470712	Passive Entry and Start System for Vehicles
LITE-ON Technology Corp.	WN4612L	WLAN USB Module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Nissan	MW1014	This device protects vehicles from theft using an electronic engine locking system
Continental	A2C91227100	Engine Start/Stop button for vehicles
Continental	A2C86013500	Low Power Transmitter
Continental	S180222004	A Control Unit for a Passive Entry Keyless System for Vehicles
Continental	A2C876268	Remote Control Transmitter
Tokai Rika	RI-40BDH	This Device Protects Cars from Theft using an Engine Locking System
Continental Automotive	A2C53386650	This immobilizer system carries out an anti-theft strategy. It permits the start of the engine by the engine control mod
Symbol Technologies Inc	CS4070	The CS4070 scanner captures and stores bar codes for a variety of uses, and transmits bar code data to a host via USB or

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Panasonic Corporation	EMU470601	This device is a passive entry and start system used to lock and unlock the doors of a vehicle and to start the engine.
Mitsubisha Electric Corporation	NR-244YH	This device will be used to provide audio in a vehicle with the option of Bluetooth and WiFi connectivity.
Panasonic Corporation	EMU370502	Passive Entry and Start System for vehicles
Denso Corporation	U2NA0	Passive Entry Passive Start System (LF Transmitter)
Broadcom Corporation	BCM94360HMB	802.11 abgn/11ac WLAN + Bluetooth
BROADCOM CORPORATION	BCM943602CS	802.11 a/g/n/ac WLAN and Bluetooth PCI-E
Intel Mobile Communications	7265D2W	WLAN + BT wireless network adaptor 802.11ac, dual band, 2x2 Wi-Fi
Hitachi	HPRO-100	GPS/3G Tracking And Monitoring System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Delphi Automotive Systems	FO4	Part 15 Security/ Remote Control Transmitter- TPMS Receiver & RKE Transceiver
Continental Automotive Systems US Inc.	M3NA2C738448	Low Power Transmitter below 1705kHz
Continental Automotive Systems US Inc.	M3NA2C31243300	Low Power Communication Device Transmitter. Automobile Entry/Security Transmitter
Valeo Securite Habitable	N5F-A08TAA	Part 15 Security / Remote Control Transmitter
Continental Automotive Systems US	M3N-A2C31243800	Security / Remote Control Transmitter
Delphi Deutschland GmbH	FO3-AM315RX	Communications Receiver use with transmitter
Omron Automotive Electronics Inc.,	OUC11545917	ITM passive anti-theft system system (PATS) transceiver
GoPro, Inc	HWPP1	Digital Transmission System - Camera

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
GoPro, Inc.,	HWBD1	Digital Transmission System - Camera
Hyundai Mobis	AC111DFGN	Digital Car audio system with Spread Spectrum Transmitter
Hyundai Mobis Co., Ltd.	AC112DFGN	Digital Car audio system with Spread Spectrum Transmitter
Hyundai Mobis Co., Ltd.	AC115TAGG	Digital Car audio system with Spread Spectrum Transmitter
Hyundai Mobis Co., Ltd.	AC211DFGN	Digital Car audio system with Spread Spectrum Transmitter
TW Electronics (NEWBURY) Ltd	NGI HKR	Bluetooth remote control - Vehicle rear seat entertainment system
Lear Corporation	0E20000	Door Lock Control and Door Unlock
Denso Corporation	DNNS086	Display Control Unit

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Alps Electric Co., Ltd.	TWK1A0028	Low power Transmitter - Immobilizer base station
Apple Inc.	A1549	Apple Smart Phone - Cellular Phone with Bluetooth and WLAN radios: Spread Spectrum, PCS, Low Power Communication, Digita
Apple Inc.	A1522	Cellular Phone with Bluetooth and WLAN Radiods : Spread Spectrum, Low Power Communication, Digital Transmission System,
HYUNDAI MOBIS CO., LTD	AC110C7GN	Car Audio System - Spread Spectrum Transmitter
GoPro, Inc.	RMMW2	Smart Remote: Digital Transmission System
Pioneer Corporation	PVX-3958	This module is a transceiver used as a car audio with bluetooth functionality.
Pioneer Corporation	PVH-4458	This device is a car audio module with bluetooth functionality
Hyundai Mobis	AC111C7GN	Digital Car Audio System with Bluetooth Technology

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Caterpillar, Inc	PL631	Mobile Earth Station Modular Approval
Caterpillar Inc.	PL641	Cellular data - PCS Licensed Transmitter - GSM/GPRS/EDGE/CDMA/UMTS/HSPA Module
Kronos Inc	InTouch 9000	Low Power Communication Device Transmitter- RFID reader
Konica Minolta, Inc.	AeroDR P-51	Digital Transmission System
Canon Inc.	WM227	Wireless LAN Module
Panasonic Corporation	CA-QS05H2AJ	Wireless Charger
Panasonic Corporation	CA-QS05H3AJ	Wireless charger
Delphi	F15-125KHz	Immobilizer For Vehicular Use

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Nintendo	RED-001	Portable Game Machine with Wireless LAN
Marquardt	AK01	This is a component of a driving authorization system for a car. It is used to start the engine and gain access to the c
Hella	BCMevo	This is a component of a driving authorization system for a car with further comprise of a key AK01.
Panasonic	060-2331	Touch Pad Controller - Spread Spectrum Transmitter
Canon Inc.	K30365	WLAN module - Digital Transmission System
Delphi	VO3-134TRX	Central Electronic Module with passive entry, passive start and backup Immobilizer function
Apple Inc.	A1566	IPAD tablet with Spread Spectrum Transmitter, Digital Transmission System
Apple Inc.	A1567	IPAD tablet with Spread Spectrum Transmitter, Digital Transmission System and PCS Licensed Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Apple Inc.	A1599	IPAD tablet with Spread Spectrum Transmitter, Digital Transmission System
Apple Inc.	A1600	IPAD tablet with Spread Spectrum Transmitter, Digital Transmission System and PCS Licensed Transmitter
Rosemount	248DX	This will be used as a wireless transmitter for temperature control.
Aruba	APIN0225	Remote Access Point
GE LIGHTING	ELWG0XXXXX/ELWN0XXX XX	Wireless Outdoor Lighting Controller/ Gateway Node
ADC Automotive Distance Control Systems GmbH	ARS(TM) 4-B	Field Disturbance Sensor, Advanced Radar Sensor
PLUM	E200	PLUM Mobile Phone: Spread Spectrum Transmitter, PCS Licensed Transmitter
PLUM	Z350	PLUM Mobile Phone: Spread Spectrum Transmitter, PCS Licensed Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
BlackBerry Limited	RHG161LW	Blackberry Smartphone - PCS Licensed Transmitter, Digital Transmission System, Low Power Communication Device, Spread Sp
TOKAI RIKA	BH1EW	SMART ENTRY SYSTEM, LOW POWER DEVICE
Intel	17265NGW	This device is used as a wireless docking station for tablets and PCs
Intel	13100NGW	This device is used as a wireless docking station for tablets and PCs
Dell	C-U0007	This is a plug-in radio device that operates on the 2.4 GHz band.
Dell	WM116	This is a cordless mouse that operates on the 2.4 GHz band.
3M Inter America	XT-1 (9008323), 1BAA (9008251)	Part 15 Spread Spectrum Transmitter
Siemens AG	BTCoMB	Bluetooth Module, Spread Spectrum Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Intermec Technologies Corporation	700C-MC46	PCS Licensed Transmitter, Spread Spectrum Transmitter, and Digital Transmission System
Nortel Networks Inc	2330	Digital Transmission System, Dual Band Access Point
Nortel Networks Inc	2332-A3	Digital Transmission System, 802.11 A/B/G Access Point
Symbol Technologies Inc	4121	Spread Spectrum Device with 2 radio modules
Symbol Technologies Inc	4121GPRS	PCS licensed / S.S Transmitter, 3 radio module
Toyota	TMLF12-1	Smart Locking System
Apple Inc	A1332	Apple iPhone
Apple Inc.	A1303	PCS Licensed Transmitter iPhone 3G with 802.11 b/g and Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Apple Computer Inc.	A1288	Digital Transmission System iPod music device with 802.11 b/g and Bluetooth
Tokai Rika	F51TA	Remote Keyless Entry System
Broadcom Corporation	BCM92045MD, BCM92045NMD	Part 15 Spread Spectrum Transmitter (USB Bluetooth Module)
Logitech Far East Ltd.	WK636	Part 15 Low Power Communication Device, Cordless Keyboard
Broadcom Corporation	BCM92046MD_GEN	Part 15 Spread Spectrum Transmitter Broadcom Bluetooth Transceiver
Hyundai Mobis Co. Ltd.	AC110D3GN	Part 15 Spread Spectrum Transmitter - Digital Car Audio System
Broadcom Corporation	BCM943224HMS	Unlicensed National Information Infrastructure TX 802.11abgn module
Broadcom Corporation	BCM92070MD_REF	Part 15 Spread Spectrum Transmitter Bluetooth transceiver module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Broadcom Corporation	BCM92070MD_REF12	Bluetooth transceiver module
Broadcom Corporation	BCM94311MCG	Digital Transmission System (802.11g WLAN PCI - E mini Card
Broadcom Corporation	BCM94311MCAG	Digital Transmission System (802.11ag WLAN PCI - E mini Card
Broadcom Corporation	BCM94312HMG	Digital Transmission System 802.11g WLAN PCI - E mini Card
Broadcom Corporation	BCM94312HMGB	DTS and Spread Spectrum (802.11g WLAN + Bluetooth PCI - E mini Card
Broadcom Corporation	BCM94312MCG	Digital Transmission System 802.11g wireless LAN PCI-E Mini Card
Broadcom Corporation	BCM94313HMG2L	Wireless LAN PCI-E Mini card
Broadcom Corporation	BCM94313HMGB	802.11g/ Draft n Wireless LAN + BT PCI-E Mini card

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Broadcom Corporation	BCM94318MPAGH	Digital Transmission System (2.4GHz / 5 GHz 802.11a/b/g WLAN Mini PCI Card
Broadcom Corporation	BCM94321MC	Digital Transmission System (802.11ag/ Draft 802.11n WLAN PCI - E mini Card
Broadcom Corporation	BCM94322HM8L	Unlicensed National Information Infrastructure (802.11ag/ Draft 802.11n WLAN PCI - E mini Card
Broadcom Corporation	BCM943224HMS	Digital Transmission System (802.11abgn WLAN PCI - E mini Card
Broadcom Corporation	BCM943225HM	Digital Transmission System 802.11g/draft 802.11n WLAN PCI - E mini Card
Motorola Inc.	BMW-TCU-1.5-ECE	Digital Transmission System (In-vehicle Bluetooth Transmitter Module)
CastleNet Technology Inc.	BTC04R310A	Part 15 Spread Spectrum Transmitter BT Module
Continental Automotive Systems UK Ltd	BPM(B)	Bluetooth Transmitter Module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Symbol Technologies Inc	CRS-1	Part 15 Spread Spectrum Transmitter
DELL INC	TrueMobile - 350	Bluetooth Radio, Spread Spectrum Transmitter
DELL INC	TrueMobile - 360	Bluetooth Radio, Spread Spectrum Transmitter
DELL INC	C-UAS-DEL1	2.4GHz Internal Transceiver
Dell, Inc	Y-RBJ-DEL3	Spread Spectrum Transmitter, Cordless Keyboard
Dell, Incorporated	LEX -M04-001	802/11 b/g/n Wireless card
Dell, Inc	M-RBV114	Spread Spectrum Transmitter
Dell, Inc	P05G	Low Power Communication Device

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Dell Inc	PP08X	Low Power Communication Device
Dell, Inc	PP13S	Low Power Communication Device
Dell Inc	PP27L	Low Power Communication Device
Dell Inc	PP30L	Low Power Communication Device
Dell, Inc	PP30LA	Low Power Communication Device
Liftmaster	LA350	Low power device, Residential Gate Opener
Delphi Delco Electronics Systems	28093678, 28093680, 28093683, 28093682	Receiver Automotive Remote Keyless Entry
Delphi Automotive Systems	L2C0038TR	Vehicular Radar

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Clarion	PF-3761	Car Radio with Bluetooth Transceiver.
Delphi Delco Electronics Systems	GMT345	Receiver Automotive Remote Keyless Entry
DILIEU Technology, LLC	System 5000	PCS Licensed Transmitter, worn on body PTU and CUFF
Harman Automotive	BE L002	Head unit for car infotainment system with Bluetooth transceiver
Dust Networks, Inc	M2135	Spread Spectrum Transmitter
Harman Automotive	NLI HU	Car infotainment system model NLI HU with model variants BE L003, BE L004 and BE L005
Dust Networks, Inc	M2140	Spread Spectrum Transmitter
Enfora, Inc.	GSM1218 SA GL	GSM/GPRS Radio Module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Harman/Becker Automotive Systems GmbH	PPiS	PCS Transmitter, Quad Band GSM module
Harman Becker Automotive Systems	HEADUNIT W221/C216MOPF	Part 15 Spread Spectrum Transmitter Bluetooth Handsfree Car Kit
I+ME ACTIA	ICOM	Digital Transmission System, WLAN 802.11abgn,
iRobot Inc	4123659	Digital Transmission System
Julius Blum GmbH	21.A00L33	Remote Control to open and close cupboard doors
Harman/Becker Automotive	EN1H	Bluetooth/WLAN Module
Julius Blum GmbH	21P5020	Remote Control to open and close cupboard doors
Lear Corporation	FR07P150	Communication Receiver used w/Pt 15 Receiver - Tire Pressure Monitoring System Receiver

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Lear Corporation	KOBFR08SPDJB	Communication Receiver used w/Pt 15 Transmitter - Tire Pressure Monitoring System Receiver
Lear Corporation	KOJBG10A	Low Power Transmitter Below 1705 kHz Transmitter for automotive/Vehicular applications
Lear Corporation	KOJLR09A	Communications Receiver used w/Pt 15 Transmitter
Lear Corporation	KOJTF10A	Security/Remote Control Transmitter
Lear Corporation	FR07U204	Communication Receiver used w/Pt 15 Transmitter - Tire Pressure Monitoring System Receiver
Mitsubishi Electric Corp	IMB111-01	Immobilizer System
Mitsubishi Electric Corp	IMB111-03	Immobilizer System
Mitsubishi Electric Corp	IMB122-01	Electronic Anti-theft Immobilizer System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Mitsubishi Electric Corp	IMB122-02	Electronic Anti-theft Immobilizer System
Mitsubishi Electric Corp	SKE126-01	Keyless Entry System
Continental Automotive Systems	BPM	Part 15 Spread Spectrum Transmitter Bluetooth Phone Module
Motorola Inc.	ES405B	Enterprise Smartphone. (WLAN 802.11abg Module & Bluetooth)
Motorola, Inc.	LHJ016	Receiver, Security & Convenience Automotive Remote Keyless Entry
Motorola Inc.	MC75A0	Enterprise Digital Assistant (WLAN 802.11abg Module & Bluetooth)
Motorola Inc.	MC75A6	Enterprise Digital Assistant (WLAN 802.11abg Module & Bluetooth)
Motorola Inc.	MC659B	Enterprise Digital Assistant (WLAN 802.11abg Module & Bluetooth)

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Symbol Technologies Inc.	MT2090	Scanner with Bluetooth and 802.11A/B/G WLAN
ORBCOMM Inc	KDTC301	VHF Mobile Earth Station
ORBCOMM Inc	KDTC310	VHF Mobile Earth Station
ORBCOMM Inc	KDTH300	VHF Mobile Earth Station
Komatsu Ltd	KCTC301	VHF Mobile Earth Station
Komatsu Ltd	KDTC310	VHF Mobile Earth Station
Komatsu Ltd	KDTH300	VHF Mobile Earth Station
Panasonic Corporation of North America	CF-52	Toughbook PC with WWAN, WLAN and Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Panasonic Corporation	CF-52	Toughbook PC with WLAN b/g & Bluetooth
Panasonic Corporation of North America	CF-18-mk2	Digital Transmission System (Toughbook w/ Intel WLAN & Alps Bluetooth)
Panasonic Corporation of North America	CF-18-mk3	Digital Transmission System (Toughbook w/ WLAN(abg) & Alps Bluetooth)
Psion Teklogix Inc	7525S, 7525C, 7525M-E	Spread Spectrum Transmitter, and Digital Transmission System. Hand-Held computer
TRW Inc.	32T (42607-0C030, 42607-0C040)	Security / remote Control Transmitter (TRW TPMS)
TRW Inc.	37R (89760-0C010, 89760-0C040)	Communications Receiver used with TRW TPMS
Research In Motion Limited	RBR41GW	PCS Licensed Transmitter held to ear (BlackBerry Smartphone)
Research In Motion Limited	RBR41GW	PCS Licensed Transmitter held to ear (BlackBerry Smartphone)

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Research In Motion Limited	RBT71UW	GSM/GPRS/EDGE 850/1900, WCDMA FDD II & FDD V, 802.11a/b/g, Bluetooth and GPS Wireless Handheld
Research In Motion Limited	RBV41GW	GSM/GPRS/EDGE 850/1900, WCDMA FDD II & FDD V, 802.11a/b/g, Bluetooth and GPS Wireless Handheld
Research In Motion Limited	RBZ41GW	GSM/GPRS/EDGE 850/1900, WCDMA FDD II & FDD V, 802.11b/g, Bluetooth and GPS Wireless Handheld
Research In Motion Limited	RCC51UW	PCS Transmitter: GSM/GPRS/EDGE 850/1900, Bluetooth and GPS Wireless Handheld
Research In Motion Limited	RCG41GW	PCS Licensed Transmitter held to ear (BlackBerry Smartphone GSM/GPRS/EDGE 850/1900, 802.11/b/g and Bluetooth)
Research In Motion Limited	RCM71UW	GSM/GPRS/EDGE 850/1900, WCDMA/HSDPA II/V, 802.11/b/g, Bluetooth and aGPS Wireless Handheld
Research In Motion Limited	RCP51UW	GSM/GPRS/EDGE 850/1900, 802.11/b/g, Bluetooth and aGPS Wireless Handheld
Research In Motion Limited	RCV71UW	GSM/GPRS/EDGE 850/1900, WCDMA/HSDPA II/V, 802.11/b/g, Bluetooth and aGPS Wireless Handheld

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental Automotive GmbH	5WK4 9622	Remote Control Transmitter, keyless car entry
Siemens VDO Automotive AG	5WK4 8770	Keyless Vehicle Module
Siemens VDO Automotive AG	5WK4 8801	Remote Keyless Entry, Transmitter
Siemens VDO Automotive AG	5WK4 8813	Remote Keyless Entry, Receiver
Siemens VDO Automotive AG	5WK4 9079	Remote Keyless Entry, receiver
Siemens VDO Automotive AG	5WK4 9085	Remote Keyless Entry, Receiver
Siemens VDO Automotive AG	5WK4 9096	Remote Keyless Entry, receiver
Siemens VDO Automotive AG	5WK4 9215	Inductive system, Vehicle Immobilizer

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Siemens VDO Automotive AG	5WK4 9365	Remote Keyless Entry
Siemens VDO Automotive AG	5WK4 9384	Remote Keyless Entry
Siemens VDO Automotive AG	5WK4 9542	Remote Keyless Entry
Continental Automotive GmbH	5WK4 9672B	Remote Control Transmitter
VDO Automotive AG	5WY7700	Low power FOB Reader
Siemens VDO Automotive AG	5WY7703	Inductive system, Vehicle Immobilizer
Siemens VDO Automotive AG	5WY7976	Inductive system, Vehicle Immobilizer
Siemens AG, Siemens VDO Automotive	5WK49005	Low Power transmitter, Inductive System Vehicle Immobilizer

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Siemens AG, Siemens VDO Automotive	5WK49385	Low Power transmitter, Inductive System Vehicle Immobilizer
Siemens VDO Automotive AG	5WK49167	Low Power transmitter, Keyless Vehicle Module
VDO Automotive AG	S122736011	Inductive System, Vehicle Immobilizer
Symbol Technologies Inc	VC5090	Vehicle computer with 802.11abg +BT
Symbol Technologies Inc	AP-5131	Digital Transmission System (Symbol WLAN 802.11abg Access Point
Symbol Technologies Inc	MC5574	PCS Licensed Transmitter EDA
Symbol Technologies Inc	MC7506	PCS Licensed Transmitter EDA
Symbol Technologies Inc	AP-5131	Digital Transmission System (Symbol WLAN 802.11abg Access Point

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Symbol Technologies Inc	MC7596	PCS Licensed Transmitter EDA
Symbol technologies Inc	LMX5452	Part 15 Spread Spectrum Transmitter Bluetooth Radio Module
Symbol technologies Inc	MC7XFPSCR-01R	Low Power Communication Device Transmitter
Symbol Technologies Inc	MC7596	Unlicensed National Information Infrastructure & Digital Transmission System (US) EDA- Enterprise Digital Assistant
Symbol Technologies Inc	MC5590	Spread Spectrum, Unlicensed National Information Infrastructure & Digital Transmission System (US) EDA- Enterprise Digit
Symbol technologies Inc	MC7506	Part 15 Spread Spectrum Transmitter Bluetooth Radio Module(Enterprise Digital Assistant)
Symbol Technologies Inc	MC7596	Unlicensed National Information Infrastructure & Digital Transmission System (US) EDA- Enterprise Digital Assistant
Symbol Technologies Inc.	MT2090	Scanner enabled with WLAN 802.11abg Module & Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Symbol Technologies Inc	SDIO 21-92955	Digital Transmission System (WLAN 802.11abg SDIO Radio Module)
Symbol Technologies Inc	VC5090	Vehicle computer with Spread Spectrum radio modules
Symbol Technologies Inc	WSAP-5100	Digital Transmission System (Symbol WLAN 802.11abg Access Point)
Valeo Securite Habitacle	S0105-A	Automotive Immobilizer
Temic SDS GmbH	CAN FSE255X	Spread Spectrum Transmitter (Bluetooth enable Carkit)
Temic SDS GmbH	MOST FSE355X	Spread Spectrum Transmitter (Bluetooth enable Carkit)
Toshiba TEC Corporation	TEC-BTM-R	Part 15 Spread Spectrum Transmitter (Bluetooth Transmitter Module)
Broadcom Corporation	BCM94322HM8L	Digital Transmission System 802.11abg/Draft 802.11n WLAN PCI-E Minicard

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Alps Electric Co., Ltd.	TWB1J659	Remote Control Transmitter, Passive Entry System - Hand unit
Honda Lock Mfg. Co Ltd	HLIK - 1R	RKE receiver and low power transmitter below 1705kHz
Honda Lock Mfg. Co Ltd	HLIK - 1T	RKE transmitter
Honda Lock Mfg. Co Ltd	HLIK - 2R	RKE receiver and low power transmitter below 1705kHz
Honda Lock Mfg. Co Ltd	HLIK - 2T, HLIK - 3T	RKE transmitter
Visteon Corporation	315BUSTR	Receiver Automotive Remote Keyless Entry
Broadcom Corporation	BCM94311MCG, BCM94311MCAG	Digital Transmission System (802.11ag WLAN PCI - E mini Card
ALPS Automotive Incorporated	8L3T-15K601-A, 8S4T-15K601-A	Automotive Remote Keyless Entry

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
ALPS Electric Co., Ltd	TFWB1U721, TFWB1U722	Automotive Remote Keyless Entry
Aruba Wireless Networks Inc.	ARUBA AP70	Digital Transmission System, 802.11 a/b/g Access Point
Atheros Communications, Inc.	AR5B125	1x 1 (802.11 b/g/n PCIe Module)
Atheros Communications, Inc.	AR5BDT92	Digital Transmission System (802.11 a/b/g/n MiniPCIe Transceiver)
Atheros Communications, Inc.	AR5BHB63	Digital Transmission System (802.11 b/g MiniPCIe Transceiver)
Atheros Communications, Inc.	AR5BHB112	Digital Transmission System, 802.11a/b/g/n Wireless WLAN
Atheros Communications, Inc.	AR5BXB63	Digital Transmission System (802.11 b/g MiniPCIe Transceiver)
Atheros Communications, Inc.	AR5BXB72	Digital Transmission System, 802.11a/b/g/n Wireless WLAN

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Broadcom Corporation	BCM92045NMD	Digital Transmission System (802.11g WLAN PCI - E mini Card
Broadcom Corporation	BCM92070MD_LEN0	Part 15 Spread Spectrum Transmitter Bluetooth Transceiver Module
Broadcom Corporation	BCM94312HMGB	Part 15 Spread Spectrum Transmitter Bluetooth Transceiver Module
Boston Scientific Corporation.	Zoom Latitude 3120	Part 15 Low power transmitter
Harman Becker Automotive Systems	CAN FSE 2P8x (Skoda)	Spread Spectrum Transmitter (Bluetooth enable Carkit)
Harman Becker Automotive Systems	CAN FSE256X	Spread Spectrum Transmitter (Bluetooth enable Carkit)
Intel Corporation	112BNHMW	Digital Transmission System Intel Centrino Wireless-N 1000 Series
Intel Corporation	112BNMMW	Digital Transmission System Intel Centrino Wireless-N 1000 Series

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Conti Temic Microelectronic GmbH	CAS IV	Low Power Transmitter below 1705 kHz, Car Access System
Itron, Inc.	ERT Repeater	Digital Transmission System
Extreme Networks	A350-2	Digital Transmission System - Access Point
Omron Corporation, Electronic Components Company	G8D - 344H - B, G8D - 344H - 3B	Automotive Keyless Entry Receiver
Omron Corporation, Electronic Components Company	G8D - 380H - A	Automotive keyless entry transmitter
Omron Corporation, Electronic Components Company	G8D - 390H - 3B	Automotive Keyless Entry Receiver
Omron Corporation, Electronic Components Company	G8D - 390H - B	Automotive Keyless Entry Receiver
Alpine Electronics Inc.	IAM2.1BT PWB EU	Spread Spectrum Transmitter Bluetooth Module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
IBM World Trade Corporation	IBM 74E	Digital Transmission System (802.11 a/b/g/n PCIe Transceiver)
Intel Corporation	112BNHMW	Digital Transmission System Intel Wi-Fi Link 1000 Series
Intel Corporation	112BNMMW	Digital Transmission System Intel Wi-Fi Link 1000 Series
Intel Corporation	512AN_HMW	Intel Wi-Fi Link 5100 Series
Intel Corporation	512AN_MMW	Intel Wi-Fi Link 5100 Series
Intel Corporation	533AN_HMW	Intel Wi-Fi Link 5300 Series
Intel Corporation	533AN_MMW	Intel Wi-Fi Link 5300 Series
Intel Corporation	622ANHMW	Intel Centrino Advanced - N 6200. 802.11a/b/g/n PCI e Half Mini Card

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Intel Corporation	633ANHMW	Intel Centrino Ultimate - N 6300. 802.11a/b/g/n PCI Express Half Mini Card
Intel Corporation	3945ABG	Network connection card with 802.11abg
Intel Corporation	4965AGN	Digital Transmission System, Wireless WiFi Link
Intel Corporation	622ANXHMW	Intel Centrino Advanced - N + WiMax 6250. Non-Broadcast Station Transmitter
Johnson Controls Interiors L.L.C.	CB2-BLUE11M	Spread Spectrum Transmitter Bluetooth Transmitter on Vehicle
Kar - Tech, Inc.	VRTS	Versa Remote Transmitter Module
Fuji Xerox Co. Ltd	KDRF (KDRF-C, HIFX-A, HIFX-T)	Inductive Loop Radio Equipment
Fuji Xerox Co. Ltd	LEFX (LEFX- C, LEFX-A, LEFX-T)	Passive transponder reader for toner cartridge

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
LITE-ON Technology Corporation	WN4300R	Wireless LAN PCI 802.11b,g USB Adapter
LITE-ON Technology Corporation	WN7600R-A, WN7600R - N, WN7600R - MV	802.11n,b,g WLAN PCI-e Card
Visteon Japan, Ltd	RX41770-535	Automotive Keyless Entry Receiver
Visteon Japan, Ltd	TX 41781, TX 41784	Automotive Keyless Entry Transmitter
TRW Inc.	32T (42607-08010, 42607-0C070)	Security / remote Control Transmitter (TRW TPMS)
Motorola Inc	MC3100	Part 15 Spread Spectrum Transmitter (Mobile Computer with Bluetooth module)
Motorola Inc	MC3190	Digital Transmission System and Spread Spectrum System (802.11a/b/g SDIO WLAN Module & Bluetooth)
Broadcom Corporation	BCM94356Z	Spread Spectrum Transmitter, Digital Transmission System: 802.11a/b/g/n/ac WLAN + Bluetooth PCI-E NGFF 2230

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Apple, Inc.	A1213	Digital Transmission System, Wi-Fi 802.11 b/g IPOD Touch
Nintendo of America Inc.	TWL-001	Digital Transmission System - WLAN module
Nintendo of America Inc.	DWM-W016	Digital Transmission System - WiFi module for use in Nintendo Wii devices
Nintendo of America Inc.	RVL-021	Spread Spectrum Transmitter
Nintendo of America Inc.	RVL - 021	Digital Transmission System Wireless LAN Module
Nintendo of America Inc.	RVL-001	Spread Spectrum Transmitter - Bluetooth module
Nintendo of America Inc.	RVL-001	Digital Transmission System - WiFi module
Nintendo of America Inc.	RVL-003	Spread Spectrum Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Nintendo of America Inc.	USG-001	Digital Transmission System - Portable Game Machine with Wireless LAN
Nortel Networks Inc.	2332-A3	DTS & UNII, 802.11 A/B/G Access Point
Nortel Network Inc.	BAP 120-A	Digital Transmission System, UNII TX, 802.11 A/B/G Access Point
Intel Corporation	4965AG_	Digital Transmission System, Wireless WiFi Link 802.11abg,
ASUSTek Computer Inc.	BT-180	Part 15 Spread Spectrum Transmitter Bluetooth Transceiver
Ralink Technology Corporation	RT2700E	Digital Transmission System (802.11b/g/n WLAN Mini Card)
Ralink Technology Corporation	RT3090	Digital Transmission System (802.11b/g/n WLAN Mini Card)
Ralink Technology Corporation	RT3092	Digital Transmission System (802.11b/g/n WLAN Mini Card)

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Realtek Semiconductor Corp.	RTL8188CE	Digital Transmission System 802.11 b/g/n miniCard
Realtek Semiconductor Corp	RTL8191SE	Digital Transmission System 802.11b/g/n miniCard
Realtek Semiconductor Corp.	RTL8192SE	Digital Transmission System 802.11 b/g/n miniCard
Research In Motion Limited	RBR41GW	Digital Transmission System (BlackBerry Smartphone)
Research In Motion Limited	RBJ41GW	Part 15 Spread Spectrum Transmitter (BlackBerry smartphone)
Research In Motion Limited	RBR41GW	Part 15 Spread Spectrum Transmitter (BlackBerry smartphone)
Research In Motion Limited	RBT71UW	GSM/GPRS/EDGE 850/1900, WCDMA FDD II & FDD V, 802.11a/b/g, Bluetooth and GPS Wireless Handheld
Research In Motion Limited	RBY41GW	GSM/GPRS/EDGE 850/1900, WCDMA FDD II & FDD V, 802.11a/b/g, Bluetooth and GPS Wireless Handheld

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Research In Motion Limited	RBZ41GW	GSM/GPRS/EDGE 850/1900, WCDMA FDD II & FDD V, 802.11 b/g, Bluetooth and GPS Wireless Handheld
Research In Motion Limited	RCC51UW	PCS Transmitter: GSM/GPRS/EDGE 850/1900, Bluetooth and GPS Wireless Handheld
Research In Motion Limited	RCG41GW	Digital Transmission System (BlackBerry Smartphone GSM/GPRS/EDGE 850/1900, 802.11/b/g)
Research In Motion Limited	RCM71UW	GSM/GPRS/EDGE 850/1900, WCDMA/HSDPA II/V, 802.11/b/g, Bluetooth and aGPS Wireless Handheld
Research In Motion Limited	RCP51UW	GSM/GPRS/EDGE 850/1900, 802.11/b/g, Bluetooth and aGPS Wireless Handheld
Research In Motion Limited	RCV71UW	GSM/GPRS/EDGE 850/1900, WCDMA/HSDPA II/V, 802.11/b/g, Bluetooth and aGPS Wireless Handheld
Rosemount Inc.	Rosemount 775	Digital Transmission System Wireless HART Industrial Process Management Product
Rosemount Inc.	RM2510	Digital Transmission System Wireless HART Industrial Process Management Product

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Schrader Electronics	8C2T-1A203-AB	Low Power Transmitter Tire Pressure Monitoring System
Schrader Electronics	FS1MAF4	Security/ Remote Control Transmitter Tire Pressure Transmitter
Socket Mobile, Inc.	Go Wi-Fi! P300	Digital Transmission System (SDIO Wireless LAN Card)
Sony Corporation	EZW-T100	Digital Transmission System Digital Wireless Audio Transceiver
Sony Corporation	EZW-RT10	Digital Transmission System Digital Wireless Audio Transceiver
Dilieu Technology LLC	SYSTEM 5000	Security, tracking and remote control transmitter with GPS, CDMA capability
Aspect Software Inc.	DCP - 00IAM2.1BT PWB EU	Digital Communication Processor
Motorola GmbH	Motorola/BMW EVEREST(TCU)	Spread Spectrum

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Atheros Communications, Inc.	AR5BDT92	UNII TX (802.11 a/b/g/n MiniPCle Transceiver)
Valeo Securite Habitable	0603A1-A	Automotive Keyless Entry Transmitter
Valeo Securite Habitable	0603B1-A	Automotive Keyless Entry Receiver
Valeo Securite Habitable	736 661-A	Vehicle Immobilizer System
Valeo Securite Habitable	736 670-A & variant 736 716-A	Automotive Keyless Entry Transmitter
Valeo Securite Habitable	736 671-A & variant 736 680-A	Vehicle Remote Keyless Entry Receiver
Valeo Securite Habitable	S0087-A	Automotive Keyless Entry Transmitter
Visteon Corporation	PATS XCVR	Vehicle Immobilizer System Starter Control Unit

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Vocollect Inc	TT-601_RG WF	Digital Transmission System
Vocollect Inc	TT-700-100_R WF, TT-700-100_RG WF	Digital Transmission System (802.11ag WLAN PCI - E mini Card
Ford Motor Company	LHJSYNC01	Part 15 Spread Spectrum Transmitter SYNC
LITE-ON Technology Corporation	WN5301A	Wireless LAN PCI 802.11b/g card
LITE-ON Technology Corporation	WN5401A	Wireless LAN PCI 802.11a,b,g Adapter
Omron Corporation, Electronic Components Co.	PATS135	Security/Remote Control Transmitter
Elektrobit Wireless Communications Ltd.	DT40ISAP	Part 15 Spread Spectrum Transmitter Integrated Service Access Point
Omron Corporation, Electronic Components Co.	IKT315	Security/Remote Control Transmitter

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Omron Corporation, Electronic Components Co.	6U5T-19H136	Security/Remote Control Transmitter
TRW Inc.	3VT20T	Automotive Remote Control
TRW Inc.	34 R	Automotive Security/Convenience Receiver
Visteon Corporation	PATS XCVR	Vehicle Immobilizer System Starter Control Unit
TOKAI RIKA	RI-46BTY	Immobilizer- Low Power Transmitter
Apple Inc.	B0534	Solo2 wireless: Spread spectrum transmitter/ Digital Transmission System
Continental Automotive GmbH	FS14	Security/ Remote Control Transmitter, radio transmitter
Computational Systems, Inc.	CSI 2140	Vibration Analyzer with Bluetooth and Wi-Fi capabilities

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Huawei Technologies Co., Ltd	S7-722U	Huawei MediaPad 7 Youth- Wi-Fi 802.11 b/g/n, GSM/GPRS/EDGE, UMTS/HSPA/HSPA+
Huawei Technologies Co., Ltd	Y520-U03	Huawei Ascend -WIFI 802.11 b/g/n, support WiFi hotspot, GSM/GPRS/EDGE
Huawei Technologies Co., Ltd	MT7-L09	Mate7- WIFI 802.11 b/g/n, support WiFi hotspot, LTE &Cat 6
Huawei Technologies Co., Ltd	S10-231u	WIFI 802.11 b/g/n, support WiFi hotspot, GSM/GPRS/EDGE, UMTS/HSPA/HSPA+
Huawei Technologies Co., Ltd	Y221-U03	WIFI 802.11 b/g/n, support WiFi hotspot, GSM/GPRS/EDGE
Huawei Technologies Co., Ltd	Y330-U05	WIFI 802.11 b/g/n, FM radio, spread spectrum, PCS
Huawei Technologies Co., Ltd	P7-L10	Ascend P7 smartphone, NFC, WIFI 802.11 b/g/n, support WiFi hotspot, Bluetooth 4.0, BT 4.0 Bluetooth Low Ener
Samsung Electronics Co Ltd	G900H	Cellular/PCS GSM/EDGE/UMTS Phone with WLAN, Bluetooth, RFID and ANT+

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Samsung Electronics Co Ltd	N910H	Multi-Band GSM/EDGE/UMTS phone with WLAN, Bluetooth, RFID and ANT+
Samsung Electronics Co Ltd	G800H	Part 15 Class B Computing Device Peripheral, Part 15 Spread Spectrum Transmitter, Digital Transmission System, PCS Licen
Samsung Electronics Co Ltd	G355M	Part 15 Class B Computing Device Peripheral, Part 15 Spread Spectrum Transmitter, Digital Transmission System, PCS Licen
Samsung Electronics Co Ltd	I9060L	Digital Transmission System, Part 15 Class B Computing Device, PCS Licensed Transmitter held to ear, Part 15 Spread Spec
BlackBerry Limited	RHJ81UW	BlackBerry Smartphone: Computing Device Peripheral, Part 15 Spread Spectrum Transmitter, Digital Transmission System, PC
Sharp	2D-712S9	Remote Control With Bluetooth Technology
Harman Becker	PPIS UMTS IV	For Mobile phone functionality with Headset in Vehicles
Cinterion	PHS8-P	This device provides GSM connectivity for IT equipment.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Clarion Corporation of America	A8DGEN31DE	This is a driver convenience and safety device.
Qualcomm Atheros	QCNFA435	This card supports WLAN IEEE802.11n and Bluetooth EDR2.0 operations
Porsche	PRSE	Rear Seat Entertainment System
BlackBerry Limited	RHH151LW	Smartphone with PCS Licensed Transmitter, Low Power Communication, Digital Transmission System, Spread Spectrum Transmit
Tokai Co Limited	BR1EW	This is used to gain access and start the engine of a vehicle
Sharp Corporation	DHUB-SP69	This device is to be installed in TVs for Wireless networking
Audi	PPIS LTE	An electrical and mechanical interface to integrate phone functionality into automotive head units
Boston Scientific Corporation	Accolade Family	Licensed Non-Broadcast Transmitter Worn on Body

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Toyota	PVX-2258	Bluetooth Module for Car Audio System
UZH	ACC-UZH-U	The Z - Wave UZH is a USB module which can communicate with other Z-Wave products.
DAIHATSU/TOYOTA	TWB1G0073	Keyless Transmitter
LG Electronics Inc.	LC7F	Faceplate Radio ASM-Receiver
Harman Becker	MIB2 Main-Unit	Digital car audio radio with Bluetooth and WLAN
LG Electronics Inc.	LC7S	Silverbox Radio ASM-Receiver
Denso	U2NB0	This is device module locks, unlocks and starts vehicles
Pioneer Corporation	PVH-5658	This device is used in vehicles to provide audio with bluetooth functionality.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Toyota	TMLF10-54	Transmitter used as part of a Smart System to lock/unlock vehicle doors
Liftmaster	SL600	Gate Operator
Liftmaster	SL1000	Gate Operator
Microsoft Mobile	Lumia 435 DS (RM-1068); Lumia 435 RM-1070	GSM/WCDMA Cellular device w/BT, BTLE, WLAN
Samsung Electronics Co Ltd	G530H	GSM/EGSM/DCS/PCS/WCDMA MOBILE PHONE
Intel	3165NGW	WLAN and Bluetooth Data Card
Hyundai MOBIS	AC110GDGN	Digital Car Audio System with Bluetooth Functionality
COST	ENVI R	Energy Monitoring System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Canon Inc.	CH9-1372	NFC Module used in digital cameras for read-write functionalities
Valeo	N5F-A08TDA	Keyless Entry Remote module for Ford Motor Company vehicles
Robert Bosch Car Multimedia GmbH	NG 2.5 HMI	Human machine interface (HMI) with Bluetooth, WLAN and GPS for mounting in GM vehicles.
Toyota	TMLF15-1	Smart LF Oscillator: Transmitter used as part of a Smart System to lock/unlock vehicle doors
Denso	12BEC	Remote Keyless Entry System
Schrader Electronics Ltd.	AG5SP4	Tire Pressure Sensor: Security/Remote Control Transmitter
Foxconn	T77H566	This WiFi/Bluetooth module is to be installed in host devices such as Notebooks
Harman Becker Automotive Systems	MIB GLOBAL ENTRY/STANDARD	Infotainment System with Bluetooth: Spread Spectrum

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Harman Becker Automotive Systems	MIB GLOBAL STANDARD PLUS	Infotainment System with Bluetooth: Spread spectrum Transmitter
Canon Inc.	FM1M944	This device will be embedded into canon copiers to allow wireless communications.
Hyundai Mobis Co. Ltd	AC210C1GN	Car audio with bluetooth used to play CDs and interconnect with other music players.
Hyundai Mobis Co. Ltd	AC111C1GN	Car stereo with bluetooth used to play CDs and interconnect with other music players.
Azurewave	AW-NU173	IEEE 802.11b/g/n Wireless LAN Module
Mitsubishi Electric Corporation Sanda Works	BD-1G	Blu-ray Disc Player
Logitech Far East Ltd.	M-R0053	Bluetooth enabled Mouse - Spread Spectrum Transmitter
Pioneer Corporation	DVZ-1258	Car Audio with Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Pioneer Corporation	NXF-4458	Car Audio with Bluetooth / WLAN
Logitech	M-R0059	Tis is a wireless mouse with bluetooth technology used with computers
Denso Corporation	U21B0	Passive Entry Passive Start System (LF Transmitter)
Delphi Deutschland GmbH	FO4-AM902TRA	Low Power Transceiver , Transmitter of a keyless entry system for vehicles
Sumitomo Wiring Systems, Ltd.	DA5502	Computer multiplex network body
Symbol	TC75AH	Touch Computer
Dell	WM514	This is a wireless computer mouse that utilizes the 2.4GHz band
Hyundai MOBIS	AM110DMGN	Digital Car Audio System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Hyundai MOBIS	AC110DMGN	Digital Car Audio System
Continental	SRR3-B	SRD for Road Transport and Traffic Telematics:
Apple Inc	A1534	Apple portable computer with Bluetooth and IEEE 802.11a/b/g/n/ac
eDevice	WireX 3G	PCS Licensed Transmitter - GSM/GPRS/EDGE/WCDMA/HSDPA MODULE
Clarion Co., Ltd.	PH - 3822	Display Audio Unit
Clarion Co., Ltd.	PH-3823	Display Audio Unit
Clarion Co., Ltd.	PH-3828	Display Audio Unit
Clarion Co., Ltd.	PH-3829	Display Audio Unit

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Qualcomm Atheros, Inc	QCNFA364A	WLAN 802.11a/b/g/n/ac and Bluetooth
Qualcomm Atheros, Inc	QCNFA344A	WLAN 802.11a/b/g/n/ac and Bluetooth
Hyundai Mobis	AM210F2GN	Bluetooth Module for a Digital Car Audio System
Hyundai Mobis	AC110F2GN	Bluetooth Module for a Digital Car Audio System
Hyundai Mobis	AM110F2GN	Bluetooth Module for a Digital Car Audio System
GoPro, Inc	HWHL1	This device is a camera with wifi and bluetooth functions, ideal for extreme sports
GoPro / HERO4 Session	HWRP1	Camera with IEEE 802.11b/g/n WLAN and Bluetooth LE technologies
Emblem S-ICD	A209	Emblem S-ICD: Implantable Pacemaker

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
EMBLEM S-ICD PROGRAMMER	3200	EMBLEM S-ICD PROGRAMMER - Non-broadcast station transmitter and Bluetooth
Dell Inc.	DWRFID1501	This device is a Wireless Module that gives host devices RFID functions.
Dell Inc.	DWRFID1502	This device is a Wireless Module that gives host devices RFID functions.
Panasonic Corporation	CF-54C	Personal Computer with WiFi 802.11 abgn + BT4.0 LE
Apple	A1553	Apple Watch with Bluetooth and WLAN technologies
Apple	A1554	Apple Watch with Bluetooth and WLAN technologies
Apple	A1570	Apple Wireless Charger with NFC technology
Apple	A1598	Apple Wireless Charger with NFC technology

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Apple	A1647	Apple Wireless Charger with NFC technology
Panasonic Corporation	BX1501	This device will allow hands free cell phone and display audio in a vehicle
Delphi	L2C0055TR	Vehicular Radar
Delphi	L2C0056TR	Keyfob for vehicle security system
Delphi	L2C0042TR	Transceiver used as part of motorcycle security system
Hyundai Mobis Co., Ltd.	AM213D9GN	This device is a digital car audio system.
Hyundai Mobis Co., Ltd.	AM110D9GN	This device is a digital car audio system.
Extreme Networks, Inc.	AP3825e	Access Point 802.11a/ac/b/g/n

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Extreme Networks, Inc.	AP3825i	Access Point 802.11a/ac/b/g/n
Extreme Networks, Inc.	AP3805i	Access Point 802.11a/ac/b/g/n
Extreme Networks, Inc.	AP3805e	Access Point 802.11a/ac/b/g/n
AzureWave	AW-NM383	The device is a WLAN module embedded into Canon copiers to allow wireless communications.
Nintendo	CTR-012	Game accessory
Nintendo	KTR-001	Nintendo Gaming Device
Intel Mobile	8260NGW	Intel Dual Band Wireless - AC
Intel Mobile Communications SAS	8260D2W	Intel Dual Band Wireless - AC

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Hyundai Mobis	AM112A7GN	Digital Car audio System - Part 15 Spread Spectrum Transmitter
Hyundai MOBIS Co., Ltd.	AM113A7GN	Digital Car audio System - Part 15 Spread Spectrum Transmitter
samsung Electronics Co, Ltd.	G313ML	Part 15 Class B Computing Device Perpheral, PCS Licensed Transmitter held to ear, Part 15 Spread Spectrum Transmitter
Samsung Electronics Co, Ltd.	A500H	Part 15 low power communication device, Unlicensed National Information infrastructure TX, Digital Tranmission System, P
Samsung Electronics Co, Ltd.	I9060M	Part 15 Spread Spectrum Transmitter, Digital Tranmission System, Part 15 low power communication device Tranmitter, PCS
Panasonic Corporation	AT1601	This device will be used for radio broadcast reception in the vehicle.
Dell	MORFFLUOA	Wireless Mouse
Dell	DGRFEO	Wireless Dongle

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Samsung Electronics Co, Ltd.	A300H	Part 15 Spread Spectrum Transmitter, Part 15 low power communication device, PCS Licensed Transmitter held to ear, Digit
Denso Corporation	14AHK	Security / Remote Control Transmitter - Electronic Key
Broadcom Corporation	BCM943602BAED	802.11a/g/n/ac WLAN + Bluetooth PCI-E Custom Combination Card
Broadcom Corporation	BCM943602CDP	802.11a/g/n/ac WLAN + Bluetooth PCI-E Custom Combination Card
Broadcom Corporation	BCM94350ZAE	802.11a/b/g/n/ac WLAN + Bluetooth PCI-E NGFF 2230 Card
Huf Huelsbeck & Fuerst GmbH & Co. KG	HUF8432	Security/Remote Control Transmitter - Car-Key
Huf Huelsbeck & Fuerst GmbH & Co. KG	HUF8423	Security/Remote Control Transmitter - Car Key
Apple Inc.	A1574	Digital Transmission System, Spread Spectrum Transmitter IPOD Touch

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Primax Electronics Ltd.	WM116p	Wireless Mouse
Primax Electronics Ltd.	WK636p	Wireless Keyboard
Magneti Marelli	EN2	Car Audio Radio With Bluetooth
Dell	T03H	Tablet PC
Go Pro Inc.	HWHM1	This is a camera with 802.11b/g/n + BT4.0 functions, ideal for extreme sports.
Murata	Type1EK	Wireless Communication Module
SmartRG, Inc	SR320N	802.11n ADSL2+ Router
Novero Dabendorf GmbH	WCH-177	On Board Vehicle Wireless Charging Unit

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Mitsubishi Electric Corporation Sanda Works	NR-000	Vehicle Head Unit - Wifi/Bluetooth/GPS
Microsoft Mobile	NOKIA 105 (RM-1134; RM1135)	PCS Licensed Transmitter Held to Ear - GSM cellular Device
Samsung Electronics Latinoamerica Miami, Inc	G925I	Multi-band GSM/EDGE/UMTS/LTE phone with WLAN, Bluetooth, RFID and ANT+
SmartRG, Inc.	SR360N	Digital Transmission System, 802.11n ADSL2 + Router
Samsung Electronics Latinoamerica Miami, Inc	G920I	Multi-band GSM/EDGE/UMTS/LTE phone with WLAN, Bluetooth, RFID, and ANT+
Subaru	TB1G077	Remote Keyless Entry System
Alps Electric Co., Limited	TD1G049	This device is a keyless entry and tire pressure monitoring system receiver.
Telit Communications S.p.A	GE910-QUAD	This is a 2G module used to facilitate 2G (data) communication.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Wistron NeWeb Corp	DNUA-P75B	Wireless LAN Adaptor
ACTIA	IME WUBR-508N	WiFi USB Dongle
Covidien LLC	JDK-1901	RFID Module- Low Power Communication
Covidien LLC	EW-7811UN	150Mbps Wireless USB Adapter - 802.11bgn
Intel Mobile Communications SAS	3165D2W	Intel Dual Band Wireless - AC 3165
Qualcomm Atheros	QCNFA425	Single Stream 802.11a/b/g/n/ac + BT 4.1 M.2 1216 Type Card
Qualcomm Atheros Inc.	QCA9008-TBD1	802.11abgn/ac/ad +BT module
Qualcomm Atheros, Inc.	QCA9008-SBD1	802.11ad Module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental	SRR2-A	Radar Sensor
Sensormatic	AMS-9060-RM2	Radio Module
Sensormatic	AMS-9060-RM4	Radio Module
HBC-radiomatic GmbH	Spectrum 3/7730	This device enables control of the crane's movement from the ground.
Harman	VP3 Silverbox; VP4 Silverbox	Bluetooth/ WLAN Module
Cinterion Wireless Modules NAFTA LLC	PHS8-USA CI	GSM/G[RES]/UMTS/HSPA MODULE
Cinterion Wireless Modules NAFTA LLC	PH8 CI	GSM/GPRS/UMTS/HSDPA Module
Subaru	FJ16-1	Keyless Access with Push-Button Start System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Concox	TR06, GT06, GT06N, GT06F	GPS Vehicle Tracker
Concox	JV03 (GT03A)	Portable GPS Tracker
Wacom Taiwan Information Co., Ltd.	PN556W	DELL TOUCH PEN
Apple Inc	A1538	Tablet PC
Apple Inc.	A1687	Part 15 Spread Spectrum Transmitter, Digital Transmission System, Part 15 Low Power Communication device, Unlicensed Nat
Harman Automotive Systems GmbH	EN2H	Head unit with Bluetooth and GPS Technology (BMW vehicles)
Apple Inc.	A1688	Cellular Phone With Bluetooth and WLAN Radios
Apple Inc.	A1550	Tablet Device

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
FUJITSU TEN LIMITED	FT0052D	Car audio system with Bluetooth technology
Intel Mobile Communications SAS	8260NGWH	Intel Dual Band Wireless - AC 8260
Apple Inc.	A1652	Tablet Device
Apple Inc.	A1584	Tablet Device
Fujitsu Ten	FT0087A	Car Audio System with Bluetooth capabilities
Apple Inc.	A1513	Apple Remote to control Apple TV - Bluetooth Device
Apple Inc.	A1625	Apple TV - Spread Spectrum, Digital Transmission System, UNII
WeTrack	WeTrack2	GSM Vehicle Tracker

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
DELL	SD-8160	Wireless Dongle
DELL	WM326	Wireless Mouse
Continental Automotive	40737300	Body Control Module/ Low Power Transmitter
Coban	GPS103A	GPS Tracker
TATA Consultancy Services Ltd.	VI2	This is a device used for diagnostic applications on automobiles that uses the Bluegiga Bluetooth Module WT11i-A
Bayer Medical Care Inc.	INT SYS 200	This is a wireless module for Intego PET Infusion System with display.
Dell Inc.	DWRFID1302	RFID WIRELESS MODULE
Wacom Taiwan Information Co., Ltd	HSTNN-W02P	HP Active Pen

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Toyota	TMLF15-3	This is a transmitter that is installed in a vehicle and is used as part of a smart system.
Murata	LXRFZZHAAA-022	HF RFID Reader/Writer
Tokai Rika	BR2EX	Smart Keyless Entry System
Intel	18260NGW	This is a device that enables Bluetooth and WLAN data transmission
Robert Bosch GmbH	BR11	Body Computer module with receiver for car
Murata Manufacturing Co., Ltd.	VZ	Communication Module
BLU Products	Jenny II	This is a mobile handset used to send and receive voice calls and text messages.
Hyundai Mobis Co., Ltd.	ACB10G5GN	Digital Car Audio System

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Hyundai Mobis Co., Ltd	ACB11G5GN	Digital Car Audio System
UAB "Teltonika"	FM1100	4 bands GSM/GPRS module, Single Modular
Fuji Heavy Industries Limited	FJ16-2	This is a device that prevents a vehicle's engine from running unless it is present
Hella	FS12P	Identification Device for Automotive Passive Entry
Hella	FS12A	Identification Device for Automotive Passive Entry
Apple Inc.	A1603	Apple Pencil
Apple	A1644	Wireless Keyboard
Apple	A1657	Wireless Mouse

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Apple Inc.	A1680	This device is a bluetooth speaker
Apple Inc.	A1535	This device is a wireless trackpad that supports bluetooth radio and a multi-touch system.
Dell Inc.	P67G	Portable Computer
AZUMI S.A.	A35S	Mobile Phone - Licensed Transmitter held to ear, Spread Spectrum, Digital Transmission System
AZUMI S.A	A40C	Mobile Phone - PCS Licensed Transmitter held to ear, Digital Transmission System, Computing Device Peripheral
AZUMI S.A	L2Z	Mobile Phone - PCS Licensed Transmitter held to ear, Digital Transmission System, Computing Device Peripheral.
JVC KENWOOD Corporation	KW-V220BT	Monitor with DVD receiver
Visteon Corporation	Ford Audio	Car audio with AF/FM/DAB reception, USB/iPod connectivity and Bluetooth hands-free and streaming features.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Pioneer Corporation	PVH-5248	Car Audio with Bluetooth and WLAN
MURATA MANUFACTURING CO., LTD	TYPE1FJ	Communication Module
Digital Communications Technologies	SYRUS - SY2210	GPS Vehicle Tracking Device
Novatel Wireless	MT4100U	GPS Vehicle tracking device
Medtronic, Inc	2020C	Ultra-low power (ULP) wireless radio telemetry device
Medtronic, Inc	2020B	Ultra-low power (ULP) wireless radio telemetry device
Canon Inc.	ES200	Wireless module for use in Camera
Zebra Technologies Corporation	ZD410	This device is a printer that creates high quality, labels, receipts, tags and wristbands.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Zebra Technologies Corporation	ZD420	This device is a printers that creates high quality labels, receipts, tags and wristbands
Marquardt GmbH	PK1	Driving Authorisation System
BlackBerry Limited	RHL211LW	Mobile Phone with GSM, GPRS, WCDMA, LTE, WiFi, Bluetooth, NFC, FM Radio and GPS communications modules
Microsoft	RM-1128	GSM/WCDMA/LTE cellular device w/BT, BLE and WLAN
Imperial	GPS-0263	This is a GPS tracker with GSM features such as sms.
Futaba Corporation	T14SG-24G	This is a radio control system used to remotely pilot an aircraft.
Huawei	GRA-L09	Smartphone used with Wireless Networks
Ability Enterprise Co., Ltd.	LBEE5ZZ1GV-893	This device is used for data transmission.

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Huawei Technologies Co., Ltd.	Y360-U23	This device is a mobile smart phone powered by the Android operation system and operates in the UMTS: 850/1900/2100 MHz
Huawei Technologies Co., Ltd	Y625-U13	UMTS Mobile Phone
Rosemount Inc.	WPG	Wireless Pressure Guage
Huawei Ascend	G760-L03	Smartphone used with Wireless Networks
Bosch	Audi FPK Gen1	Short Range Device (SRD), RFID - instrument cluster incl. immobilizer for Audi vehicles
Panasonic	SYNCG3-L	Car Audio System with Bluetooth and WiFi Capabilities
Hirschmann Car Communication GmbH	BMW- 070000043	Keyless Entry System
Samsung Electronics Co Ltd	WCK730B	Wi-Fi/BT Transceiver

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Samsung Electronics Co., Ltd.	WCK720Q	Wi-Fi/BT Transceiver
Precision Hawk	PHP-077	Radio Control Systems for Remotely Piloted Aircraft
Samsung Electronics Co., Ltd.	RMCSPK1AP1	Remote control with bluetooth
SICOM	SI-AQ01-PLUS, SI-AQ01	Mini PC with WLAN and Bluetooth
Zebra	VC80	Vehicle Computer System with WiFi and Bluetooth Technologies
Huawei	Huawei Nexus 6P	PCS Licensed Transmitter held to ear: Smartphone
Intel Mobile Communications SAS	11000D2W	Low Power Transceiver, WiGig Adapter Card
AerenkonnRUS	GSM/GPRS Module, Module SIM900R	GLONASS/GPS TRACKER

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
BMW	HUF5663	Remote Keyless Entry Transmitter
Jet Optoelectronics Co. Ltd.	RSE III + RSE III C&G	Rear Seat Entertainment System for vehicles from Audi.
MITSUMI	ES300	GPS/GLONASS Module
Breitling SA	B55	Smartwatch - Digital Transmission System
Fleetilla	FL1260	GSM/GPRS Vehicle Tracking Unit
Fleetilla	FL1850V3-GP	GSM/GPRS Vehicle Tracking Unit
Benway	BW08C	GPS Tracker
Valve Corporation	1003	BT + BLE + NORDIC and WLAN DTS/UNII a/b/g/n/ac

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
LG Electronics Inc.	WN8122E1	WiFi Module
Continental	HFM_CMFB_01	Keyless Entry System
Hyundai Mobis	ACB10B2GN	Digital Car Audio System
Hyundai Mobis	ACB11B2GN	Digital Car Audio System
Mitsubishi Electric Corporation Himeji works	SKEA5S-03	Boat Security/Remote Control Transmitter
Intel Mobile Communications SAS	3168NGW	This device is used for WLAN and BT data transmission.
Continental Automotive GmbH	AlfaRFHM1	Radio Frequency transmitter-receiver used in Vehicle access systems
Intermec Technologies Corporation	1001CP01U	Handheld mobile computers with barcode scanning with PCS Licensed Transmitter, WLAN, Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Advanced Panmobil Systems GmbH & Co. KG	ECCO+	Part 15 Low Power Communication Device Transmitter
Concox	AMB309-GK309	GPS Tracking/Monitoring Device
Mitsubishi Electric	SKE13D-02	Keyless Entry System
Continental Automotive	M3N-A2C940788	RKES Transmitter
Continental	M3N-A2C931423	RKES Transmitter
Apple Inc.	A1723	Smart Phone - PCS Licensed Transmitter with Bluetooth & WLAN Radios
Apple Inc.	A1662	Smart Phone - PCS Licensed Transmitter with Bluetooth and WLAN radios
Continental Automotive	M3N-A2C940780	RKE Transceiver

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental Automotive	M3N-A2C931426	RKES Transmitter
Apple Inc.	A1674	Tablet Device with PCS Licensed Transmitter, Bluetooth and WLAN
Delphi	FO4-AM902TRB	Security/Remote Control Module
Apple Inc.	A1673	Tablet Device with Bluetooth and WLAN
Calsonic Kansei Corp.	BN011	RKE Receiver
Shenzhen Chainway ITS Co., Ltd.	CW601	GPS TRACKING WITH PCS LICENSED TRANSMITTER
Apple Inc.	A1714	Magnetic Charging Dock - Low Power transmitter
Medtronic Inc.	25000	Ultra-low Power Wireless Radio Telemetry Device

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Hyundai Mobis	AN215B1GG	Digital Car AVN System
Trimble	TVG-660 HSPA	GPS/GSM/GPRS/UMTS/HSPA Module
Silver Spring	NIC 441-0702	NIC Module for Network Relay Points
Silver Spring	NIC 411-0703	Radio Module for Electric Meter
Fujitsu Ten	FT0107A	Car Audio with Bluetooth
Silver Spring	NIC 411-0101/NIC 411-0102	Radio Module for Electric Meter
Cinterion	PHS8-P	GSM/GPRS/UMTS/HSPA Module
HomeLink	SAHL5K	Short Range Device - Universal Garage Door Opener

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Continental Automotive	A2C94079100	Remote Keyless Entry System Transmitter
Continental Automotive	A2C93142100	Remote Keyless Entry System Transmitter
HUMAX AUTOMOTIVE CO., LTD	CMF-R3000E-17P-A	Car Audio with Bluetooth Function
Continental Automotive GmbH	ALFA434	Security/ Remote Control transmitter used for vehicle locking/unlocking systems
Clever 11	800N/1200N/1500N	Garage Door Operator
Dell	DWRFID1601	RFID 13.56MHz Wireless Module
Fuyang	LSJJ-24 SLIDING GATE OPENER	Gate Opener
Nikon	WR-T10	Wireless Remote Controller

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Clarion	RD6	Car Audio System with Bluetooth Functionality
ADC Systems GmbH	SRR3-A	Radar Sensor for Vehicle Blind Spot Detection
NEC Engineering, Ltd.	WR-R10	Wireless remote controller
Hyundai Mobis Co., Ltd.	AC111A9GN	Digital Car Audio System with Bluetooth
Hyundai Mobis Co., Ltd.	AC210A9GN	Digital Car Audio System with Bluetooth
Hyundai Mobis Co., Ltd.	AC110A9GN	Digital Car Audio System with Bluetooth
Realtek	RTL8723DE	Wireless LAN
Harman International Industries, Inc.	GEN3 BASE	Automotive Infotainment Unit with Bluetooth

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Samsung Electronics Co.,Ltd.	WIDT30Q	USB embedded Wifi Module (IEEE802.11n)
LG Electronics Ltd.	AN-SP700	This device is a bluetooth remote controller.
Intel	8265NGW	Intel Dual Band Wireless-AC 8265
Continental Automotive GmbH	5WK50220	This device is a transceiver module which handles Comfort Access (CA), Remote Keyless Entry (RKE) and other remote funct
CalAmp	LMU2630	A GPS tracking device that transfers information to a server (via safe fixed IP) via GPRS.
Tokai Rika Co., Ltd.	BS1EW	Electronic Key for smart entry systems
Canon Inc.	DS586101	Wi-Fi Adapter
KYOCERA	LBWA1ZZ1CA	Communication Module

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
HYUNDAI MOBIS	ACB10G3BN	Digital Car Audio System
Lite-On Technology Corporation	WM527	Wireless Mouse
Lite-On Technology Corporation	WK717	Wireless Keyboard
Freedom	TX-7470	Paging Transmitter
LRS	RX-CS6-RX-CS7-RX-AT9	Paging Receiver
Medtronics Inc.	Adapta_Versa_Sensia_Relia_Vitatron_A-G-E	Implantable Pulse Generators - Ultra Low Power wireless radio telemetry
Medtronic, Inc.	Dual_Chamber_ICDs-Family Devices	Dual Chamber Implantable Cardioverter Defibrillator with Cardiac Resynchronization therapy - Ultra low Power Wireless ra
Medtronic, Inc.	Viva_Brava_Evera Family	Implantable Cardioverter Defibrillators with low power wireless radio transmissions

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>
Medtronic Inc	Patient Assistant 9538 and 9539	Insertable Cardiac Monitor with ultra-low power wireless radio telemetry
Medtronic, Inc.	Reveal DX and Reveal XT	Insertable Cardiac Monitor with ultra-low power wireless radio telemetry
Concox	GT300/AMB300	GSM Tracker
Harman International Industries, Inc.	GEN3 MID	Automotive Infotainment Unit with BT and WLAN Technology
Ingenico Latin America Inc.	ICT250-3G	This is a point of sale device.
Ingenico Latin America Inc.	IWL225 (IWL220 3G)	This is a Point of Sale Device
Ingenico Latin America Inc.	IWL255 (IWL250 3G)	This is a point of sale device.