

February 2, 2018

TRAFFIC SIGNAL and ITS CONTROL EQUIPMENT

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15100

Source Code	Manufacturer Product Name	Approval Number	Comments
<u>CABINET AND BACKPANEL</u> SM Material Code 913M15031			
TS0070	EAGLE SIGNAL----- Model TF-50161N Size 6(P) & Size 7(R)	W028700	TS-2, TYPE 1 16 POSITIONS
TS0070	EAGLE SIGNAL----- Model 5038324917 ITS Controller Cabinet, Ground Mounted	W158704	ITS
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- MODEL 171-1081-504 Size 6(P) & Size 7(R) & Size 5 (M)	W028110	TS-2 TYPE 1 16 POSITION
TS0108	JAMES H. DREW----- MODEL 482632 ITS RACK/TOWER MOUNTED CABINET	W158709	ITS
TS0083	TRAFFICWARE/NAZTECH----- MODEL 70006-3027 Size 6(P) CABINET ASSEMBLY	W148702	TS-2 TYPE 1 16 POSITION
TS0069	SOUTHERN MANUFACTURING----- MODEL 334 (332) ITS Controller Cabinet, Ground Mounted	W178710	ITS
TS0069	SOUTHERN MANUFACTURING----- MODEL G ITS Controller Cabinet, Pole Mounted	W178712	ITS

BUS INTERFACE UNIT (BIU)
SM Material Code: 913M15033

TS0090	ECONOLITE CONTROL PRODUCTS, INC----- ECP-160-1003-502	W048700	
TS0080	EBERLE DESIGN INC. EDI----- MODEL BIU-700	W068703	
TS0083	TRAFFICWARE/NAZTEC----- MODEL BIU-130	W148701	

CABINET POWER SUPPLY
SM Material Code: 913M15035

TS0090	ECONOLITE CONTROL PRODUCTS, INC----- TS-2 MODEL PS-2412	W028722	
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- TS-2 MODEL TS 200E	W068704	
TS0080	EBERLE DESIGN INC----- TS-2 MODEL PS-200	W058705	

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TS0083	TRAFFICWARE/NAZTEC----- MODEL PS2D	W148720	
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MALFUNCTION MANAGEMENT UNIT (MMU)

SM Material Code: 913M15034

TS0080	EBERLE DESIGN INC. ----- MMU2-16LE(ip) (Ethernet Capable)	W028703	TS-2
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TS0200	RENO A&E, ----- MMU-1600GE (Ethernet Capable)	W068705	TS-2
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TS0200	RENO A&E, ----- MMU2-1600GE (Ethernet Capable)	W178707	TS-2
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INTELLEAGENT TRANSPORTATION SYSTEMS

SM Material Code: 913M15029

ITS AFP CONTROLLER

SM Material Code: 913M15029

TS0152	HEWLET PACKARD ENTERPRISES----- Controller, Multi-Purpose Model # HPE GL10 IoT Gateway Series	W188750	
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TS0134	Iron Mountain Systems, Inc.----- AFP Controller for portable DMS Model # AFPjr	W108750	
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TS0134	Iron Mountain Systems, Inc.----- AFP Controller for overhead DMS Model # AFPjr/ac	W108751	
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TS0134	Iron Mountain Systems, Inc.----- AFP Controller for CCTV Systems Model # AFPav	W108752	
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TS0134	Iron Mountain Systems, Inc.----- AFP Controller, Multi purpose Model # AFPpro	W108753	
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TS0134	Iron Mountain Systems, Inc.----- AFP Controller, Mobile Model # AFPfusion	W108754	
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Source Code	Manufacturer Product Name	Approval Number	Comments
SECONDARY CONTROLLER SM Material Code: 913M15030			
TS0070	EAGLE SIGNAL CORP----- MODEL # EPAC3138M52 EPAC-M50 SERIES	W028752	TS2, TYPE 1 EVENT DATA CAPABLE
TS0070	EAGLE SIGNAL CORP----- SIEMENS CONTROLLER M60 LINUX	W178708	TS2, TYPE 1 EVENT DATA CAPABLE
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- ASC/3 1000 TS2, TYPE 1	W098750	EVENT DATA CAPABLE
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- ASC/3 2100 TS2, TYPE 2	W098751	EVENT DATA CAPABLE
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- COBALT G TS2, TYPE 1	W178753	MINIMUM 2GB SD CARD REQUIRED
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- COBALT G TS2, TYPE 2	W178754	MINIMUM 2GB SD CARD REQUIRED
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- COBALT C TS2, TYPE 1	W178755	MINIMUM 2GB SD CARD REQUIRED
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- COBALT C TS2, TYPE 2	W178756	MINIMUM 2GB SD CARD REQUIRED
TS0651	NAZTEC BY TRAFFICWARE ----- MODEL TW 50280 - 2140 ATC TS2, TYPE 1	W158706	EVENT DATA CAPABLE
TS0651	NAZTEC BY TRAFFICWARE ----- MODEL TW 50280 - 2240 ATC TS2, TYPE 2	W158707	EVENT DATA CAPABLE
FIELD MASTER CONTROLLER SM Material Code: 913M15030			
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- MODEL ASC/2M 1000	W068707	TS1/TS2
TS0070	EAGLE SIGNAL CORP. ----- MODEL MARC-M50 SERIES	W068708	TS1/TS2
TS0651	NAZTEC BY TRAFFICWARE ----- MODEL TW 50280 - 2140M, ATC TS2	W158708	

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SM Material Codes: 913M15025 to 913M15100

Source Code	Manufacturer Product Name	Approval Number	Comments
VEHICLE DETECTION INTERFACE DEVICES SM Material Code: 913M15038			
TS0216	SENSYS NETWORKS----- MODEL APCC-SPP Serial Port Radio	W118790	
TS0216	SENSYS NETWORKS----- MODEL APCC-ACC-1 Care Isolator	W118791	
TS0216	SENSYS NETWORKS----- MODEL APCC-M Access Point Card	W118792	
TS0216	SENSYS NETWORKS----- MODEL EX TS2 COMPLIANT EXPANSION INTERFACE CARD	W118793	
TS0216	SENSYS NETWORKS----- MODEL RP240-LLBAT REPEATER (8-YEAR BATTERY)	W118794	
TS0545	WAVERTONIX----- MODEL: 112 CLICK! 2 CONTACT CLOSURE CARD	W128790	
TS0545	WAVERTONIX----- MODEL: 114 CLICK! 4 CONTACT CLOSURE CARD	W128791	
TS0545	WAVERTONIX----- MODEL: 222 CLICK SYSTEM SURGE PROTECTION CARD	W128790	
COUNTING VEHICLE DETECTORS SM Material Code: 913M15032			
TS0200	RENO----- MODEL C/TC, 1203	W028781	TS1/TS2 CARD RACK
TS0080	EBERLE DESIGN INC. EDI----- MODEL ORACLE 2EC	W068710	TS1/TS2 CARD RACK
TS0216	SENSYS NETWORKS----- MODEL VSN240-F-2 FLUSH-MOUNT SENSOR	W158702	
TS0216	SENSYS NETWORKS----- MODEL VSN240-T-2 FLUSH-MOUNT SENSOR (STOP BAR)	W158703	
TS8163	3M CANOGA----- C924X	W158705	2-CHANNEL CARD RACK
TS0050	DETECTOR SYSTEMS----- 205	W108711	Freeway TS1 Power Supply 4 Chan. Card Rack

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Source Code	Manufacturer Product Name	Approval Number	Comments
TS0210	SARASOTA----- MPS4	W108712	Freeway TS1 Power Supply 4 Chan. Card Rack
TS0140	MICROSENSE----- MPS4	W108713	Freeway TS1 Power Supply 4 Chan. Card Rack

NON-COUNTING VEHICLE DETECTORS

SM Material Code: 913M15032

TS0080	EBERLE DESIGN INC. EDI----- MODEL ORACLE 2E	W068712	TS1/TS2 CARD RACK
TS0200	RENO----- MODEL C, 1200	W028780	TS2/TS1 CARD RACK

PRE-FORMED DETECTION LOOPS

SM Material Code: 913M15038

TS0040	DE-TECH----- MODEL HDR DETECTOR	W028779	
TS0150	NEVER FAIL SYSTEMS----- MODEL A	W078702	ASPAHLT PAVE-OVER ONLY
TS0150	NEVER FAIL SYSTEMS----- MODEL C	W078703	CONCRETE PAVE-OVER ONLY
TS0150	NEVER FAIL SYSTEMS----- MODEL F	W078704	SAW-SLOT PAVE-OVER ONLY
TS0162	PATRIOT TECHNOLOGIES----- MODEL CG16MMA	W068713	ASPHALT PAVE-OVER ONLY
TS0162	PATRIOT TECHNOLOGIES----- MODEL CG16MMC	W068714	CONCRETE PAVE-OVER ONLY
TS0162	PATRIOT TECHNOLOGIES----- MODEL CG9.5MM	W068715	SAW-SLOT ONLY
TS0200	RENO A&E----- MODEL PLH	W068716	
TS8163	3M MICROLOOP----- MODEL 701, 702	W068717	

EXTERNAL TIME CLOCK

SM Material Code: 913M15042

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Source Code	Manufacturer Product Name	Approval Number	Comments
TS0100	ELTEC----- NTC-17E-1AC	-----W028794	
FLASHERS SM Material Code: 913M15070			
TS0080	EBERLE DESIGN, INC----- FLASHER MODEL 810	-----W028795	
TS0170	PDC----- PDC SSF-86-3 MODEL 204	-----W028796	
TS0170	PDC----- PDC SSF-87W	-----W028797	
TS0230	SOLID STATE DEVICES----- MODEL 204	-----W028798	
TS0250	TRAFFIC SENSOR CORP----- TSC-204-15	-----W028799	
TS0250	TRAFFIC SENSOR CORP----- TSC-310	-----W028111	
TS0200	RENO A&E----- FL-200	-----W068718	
LOAD SWITCHES SM Material Code: 913M15043			
TS0080	EBERLE DESIGN, INC----- 510	-----W028112	
TS0170	PDC----- PDC SSS-86-3 MODEL 200	-----W028113	
TS0170	PDC----- PDC SSS-87W	-----W028114	
TS0250	TRAFFIC SENSOR CORP----- TSC-200	-----W028116	
TS0250	TRAFFIC SENSOR CORP----- TSC-300	-----W028117	
TS0200	RENO A&E----- LS-200	-----W068719	

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Source Code	Manufacturer Product Name	Approval Number	Comments
TEMPORARY DETECTION SM Material Code: 913M15044			
TS0090	ECONOLITE CONTROL PRODUCTS, INC----- AUTOSCOPE SERIES, ALL	W028120	TEMPORARY USE ONLY
TS0135	ITERIS----- ODETICS VANTAGE & VERSICAM SERIES, ALL	W068722	TEMPORARY USE ONLY
TS0545	WAVERTONIX----- MODEL: SS-225 SMART SENSOR MATRIX ASSEMBLY	W128720	
SYSTEM INTERCONNECT SM Material Code: 913M15080			
TS0132	INTUICOM----- MODEL: EB-6 PLUS ETHERNET RADIO	W108122	SPREAD SPECTRUM RADIO MODE
TS0144	MICROHARD SYSTEMS----- MODEL: NANO IPn920T ETHERNET RADIO	W128120	SPREAD SPECTRUM RADIO MODE
TS0222	CRADLEPOINT COR SERIES ROUTER ----- MODEL # IBR1100	W178100	WIRELESS IP MODEM
TS0222	CRADLEPOINT ANTENNA ----- MODEL # AG60 SERIES (2 X CELLULAR 3G/4G/LTE/GPS/2 X WiFi 2.4GHZ FOR CRADLEPOINT IBR1100)	W178105	CELL ANTENNA W/CABLE
TS0019	BLACK BOX ETHERNET SWITCH, (2)FO+(4)CU PORTS, 12V-- MODEL # LBH240A-P-ST-12	W108120	DIN RAIL MOUNTED
TS0019	BLACK BOX Hardened Mini Industrial Switch----- MODEL # LBH120A-H (Compatible with ETHERNET RADIO)	W118120	DIN RAIL MOUNTED
TS0119	GARRETTCOM ETHERNET SWITCH, (2)FO+(4)CU PORTS, 12V-- MODEL # ES42H-2ST-Hd	W108121	DIN RAIL MOUNTED
TS0143	MOXA INDUSTRIAL ETHERNET SWITCH, 5 PORTS, 12V----- MODEL # EDS-205A (Compatible with ETHERNET RADIO)	W118121	DIN RAIL MOUNTED
TS0146	CONTROL MANAGED ETHERNET SWITCH----- MODEL # ROCKETLINK #ES8510-XTE	W128122	DIN RAIL MOUNTED TRAFFIC SIGNAL ONLY
TS0143	MOXA INDUSTRIAL ETHERNET SWITCH, 12V----- MODEL # EDS-208-MM-ST	W128123	DIN RAIL MOUNTED
TS0146	CONTROL MANAGED ETHERNET SWITCH----- MODEL # ROCKETLINK #ES8510F Series	W138120	DIN RAIL MOUNTED
TS0146	CONTROL PS 1020 POWER SUPPLY----- MODEL # MDR-20-24	W138121	DIN RAIL MOUNTED

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ITS WIRELESS COMMUNICATION EQUIPMENT

SM Material Code: 913M15027

TS0189	Proxim-----	W168760	Subscriber Unit, Outdoor, Tsunami Quickbridge 82S Series Model # QB-825-LNK-100
TS0189	Proxim-----	W168761	Subscriber Unit, Indoor, Tsunami Multipoint 820 Series Model # MP820 BSU 100
TS0189	Proxim-----	W168762	Subscriber Unit, Outdoor, Tsunami Multipoint 820 Series Model # MP820 SUA 100
TS0189	Proxim-----	W168763	Base Station Unit, Outdoor, Tsunami Multipoint 820 Series Model # MP820 SUR 100
TS0189	Proxim-----	W108766	Base Station Unit/Subscriber Unit, Outdoor, Tsunami, Point-to- Multipoint Model # MP-8100
TS0189	Proxim-----	W108767	Base Station Unit/Subscriber Unit, Outdoor, Tsunami, Quick Bridge Model # QB-8100
TS0189	Proxim-----	W128760	Tsunami GX Model # 810
TS0189	Andrews-----	W108772	Standard Parabolic, P, PL, PX, PLX Series 2" Dish

ITS NETWORKING EQUIPMENT

SM Material Code: 913M15028

TS0018	AVAYA-----	W128780	Ethernet Routing Switch, Field Core Model # 4800
TS0018	AVAYA-----	W128781	Virtual Services Platform Model # 7000

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Source Code	Manufacturer Product Name	Approval Number	Comments
TS0018	AVAYA----- Virtual Services Platform Model # 8000	W168780	
TS0018	AVAYA----- Virtual Services Platform Model # 9000	W128782	
TS0018	AVAYA----- Ethernet Routing Switch, Field Core Model # 3500 Series	W148780	
TS0018	AVAYA----- Ethernet Routing Switch, Field Core Model # 3600 Series	W178781	
TS0018	AVAYA----- Ethernet Routing Switch, Field Core Model # 4900 Series	W178784	
TS0118	DIGITAL LOGGERS, INC----- Pro Switch (Remote Control & Reboot) Model # Digital Loggers Pro Remote Power Switch	W188770	

TRAFFIC SIGNAL HEAD (LED MODULES)

SM Material Code: 913M15095

12" RED BALLS

TS0060	DIALIGHT----- MODEL: 433-1210-003XL	W068727	
TS0120	GE LUMINATION/GELCORE----- MODEL: DR6-RTFB-VLA	W068728	
TS9027	LEOTEK----- MODEL: TSL-12R-LX-IL6-A1-P2	W068729	
TS9027	LEOTEK----- MODEL: TSL-12R-LX-IL6-A1-P3	W178725	
8171	SWARCO/FuturLED----- MODEL: FL-12R-S2	W088727	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXC-300HFTR	W108727	

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Source Code	Manufacturer Product Name	Approval Number	Comments
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12" YELLOW BALLS

TS0060	DIALIGHT----- MODEL: 433-3230-901XL	W068730	
TS0120	GE LUMINATION/GELCORE----- MODEL: DR6-YZFB-VLA	W078728	
TS9027	LEOTEX----- MODEL: TSL-12Y-LX-IL6-A1-P2	W078730	
TS9027	LEOTEK----- MODEL: TSL-12Y-LX-IL6-A1-P3	W178728	
8171	SWARCO/FuturLED----- MODEL: FL-12A-S2	W088728	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXC-300HFTY	W108728	

12" GREEN BALLS

TS0060	DIALIGHT----- MODEL: 433-2220-001XL	W068731	
TS0120	GE LUMINATION/GELCORE----- MODEL: DR6-GTFB-VLA	W068732	
TS9027	LEOTEK----- MODEL: TSL-12G-LX-IL6-A1-P2	W068733	
TS9027	LEOTEK----- MODEL: TSL-12G-LX-IL6-A1-P3	W178733	
8171	SWARCO/FuturLED----- MODEL: FL-12G-S2	W088729	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXC-300HFTG	W108729	

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SM Material Codes: 913M15025 to 913M15100

Source Code	Manufacturer Product Name	Approval Number	Comments
<u>12" RED ARROWS</u>			
TS0060	DIALIGHT----- MODEL: 432-1314-001XOD	W108732	Tinted
TS9027	LEOTEK----- MODEL: TSL-12RA-IL6-A1 Note: This model is the arrow equivalent to -IL6-A1-P2.	W108734	Tinted
TS9027	LEOTEK----- MODEL: TSL-12RA-IL6-A1-P3	W178734	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXJ300-07TR03	W108736	Tinted
TS0098	GE Lighting----- MODEL: DR6-RTAAN-VLA	W178735	
<u>12" YELLOW ARROWS</u>			
TS0060	DIALIGHT----- MODEL: 431-3334-901XOD	W068734	
TS9027	LEOTEK----- MODEL: TSL-12YA-IL6-A1 Note: This model is the arrow equivalent to -IL6-A1-P2.	W068736	
TS9027	LEOTEK----- MODEL: TSL-12YA-IL6-A1-P3	W178736	
8171	SWARCO/FuturLED----- MODEL: FL-12A-S2-A	W088730	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXJ300-07TY03	W108737	
TS0098	GE Lighting----- MODEL: DR6-YTAAN-VLA	W178740	
<u>12" GREEN ARROWS</u>			
TS0060	DIALIGHT----- MODEL: 432-2324-001XOD	W068737	

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SM Material Codes: 913M15025 to 913M15100

Source Code	Manufacturer Product Name	Approval Number	Comments
TS9027	LEOTEK----- MODEL: TSL-12GA-LX-IL6-A1 Note: This model is the arrow equivalent to -IL6-A1-P2.	W068739	
TS9027	LEOTEK----- MODEL: TSL-12GA-IL6-A1-P3	W178737	
8171	SWARCO/FuturLED----- MODEL: FL-12G-S2-A	W088731	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXJ300-07TG03	W108738	
TS0098	GE Lighting----- MODEL: DR6-GTAAN-VLA	W178738	

COUNTDOWN PEDESTRIAN SIGNAL HEAD (LED)

SM Material Code: 913M15095

TS0060	DIALIGHT CO----- MODEL: 430-6479-001X	W048703	
TS0120	GE LUMINATION/GELCORE ----- MODEL: PS7-CFF1-27A	W058728	
TS9027	LEOTEK ELECTRONICS USA CO----- MODEL: TSL-PED-16-CIL-P1	W058733	
TS9027	LEOTEK----- MODEL: TSL-PED-16-SPC-V1	W178732	
TS0255	TRASTAR/DURALIGHT----- MODEL: JXM-400VIEIL	W108739	
TS0098	GE Lighting----- MODEL: PS7-CFF1-VLA	W178730	

TRAFFIC SIGNAL HEAD (EXTENDED LED MODULES)

SM Material Code: 913M15085

12" RED BALLS

TS0060	DIALIGHT----- MODEL: 433-1210-003XL15	W168720	
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Source Code	Manufacturer Product Name	Approval Number	Comments
<u>12" YELLOW BALLS</u>			
TS0060	DIALIGHT----- MODEL: 433-3230-901XL15	W168721	
<u>12" GREEN BALLS</u>			
TS0060	DIALIGHT----- MODEL: 433-2220-001XL15	W168722	
<u>12" RED ARROWS</u>			
TS0060	DIALIGHT----- MODEL: 432-1314-001XOD15	W168723	Tinted
<u>12" YELLOW ARROWS</u>			
TS0060	DIALIGHT----- MODEL: 431-3334-901XOD15	W168724	
<u>12" GREEN ARROWS</u>			
TS0060	DIALIGHT----- MODEL: 432-2324-001XOD15	W168725	
LED MODULES FOR SOLAR APPLICATION (12 VOLT DC) SM Material Code: 913M15095			
<u>12" RED BALLS</u> (12 VOLT DC)			
TS0060	DIALIGHT CO----- MODEL: 433-1210-005XL	W088735	
TS0120	GE LUMINATION/GELCORE ----- MODEL: DR6-RTFB-23B	W088736	
SPO030	PRECISION SOLAR CONTROLS 12 WATT----- MODEL: 2384	W088737	
TS9027	LEOTEK ELECTRONICS USA CO----- MODEL: TSL-12R-LX-IL6-B1-P2	W098730	
<u>12" YELLOW BALLS</u> (12 VOLT DC)			
TS0060	DIALIGHT CO----- MODEL: 433-3230-905-XL	W088738	
TS0120	GE LUMINATION/GELCORE ----- MODEL: DR6-YTFB-23B	W088739	

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Source Code	Manufacturer Product Name	Approval Number	Comments
SPO030	PRECISION SOLAR CONTROLS 12 WATT----- MODEL: 2385	W088740	
TS9027	LEOTEK ELECTRONICS USA CO----- MODEL: TSL-12Y-LX-IL6-B1-P2	W098731	
<u>12" GREEN BALLS</u> (12 VOLT DC)			
TS9027	LEOTEK ELECTRONICS USA CO----- MODEL: TSL-12G-LX-IL6-B1-P2	W098730	
SOLAR POWERED SCHOOL ZONE FLASHER SM Material Code: 913M15035			
TS0280	K & K SYSTEMS----- MODEL: 112-IN SOLAR SCHOOL WARNING FLASHER	W078731	
TS0290	CARMANAH----- MODEL: R829C SOLAR LED SCHOOL ZONE FLASHER	W138732	
TS0281	SOLAR TRAFFIC CONTROLS----- MODEL: 80S080J-1 (NORTH) SOLAR SCHOOL WARNING FLASHER	W108730	
TS0281	SOLAR TRAFFIC CONTROLS----- MODEL: 80S065I-1 (SOUTH) SOLAR SCHOOL WARNING FLASHER	W108731	
TS0099	ELECTROTECHNICS CORPS----- MODEL: MODEL FS2 SOLAR SCHOOL ZONE FLASHER W/NTC17E TIME CLOCK	W138730	
SOLAR POWERED 24 HOUR FLASHER BEACON SM Material Code: 913M15035			
TS0290	CARMANAH----- MODEL: MODEL R247E (177-3013) SOLAR 24 HOUR FLASHING BEACON	W138732	
TS0099	ELECTROTECHNICS CORPS.----- MODEL: MODEL FS2 SOLAR 24 HOUR FLASHING BEACON	W098733	
TS0280	K & K SYSTEMS----- MODEL: 116-IN SOLAR 24 HOUR FLASHING BEACON	W078732	
TS0281	SOLAR TRAFFIC CONTROLS----- MODEL: 80S24255I-4 SOLAR 24 HOUR FLASHING BEACON	W088732	
TS0281	SOLAR TRAFFIC CONTROLS----- MODEL: 80S24255E-3 SOLAR 24 HOUR FLASHING BEACON	W088733	
TS0049	TAPCO Blinker Beacon ----- MODEL: 2180-BBDAY (Amber)	W138733	

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TS0049	TAPCO Blinker Beacon ----- MODEL: 2180-BBDY (Red)	W138734	
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SOLAR POWERED FLASHING LED SIGNS

SM Material Code: 913M15035

TS0049	TAPCO Blinker Beacon ----- MODEL: R1-1 SOLAR BlinkerStop Flashing LED Stop Sign	W178732	
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ITS CLOSED CIRCUIT TV CAMERAS

SM Material Code: 913M15026

TS0029	CAMERA LOWERING SYSTEMS, INC.----- MODEL: CDP6-16HDDE-2CONN Arm and disconnect unit for external pole mount with guide cable and permanent mount lowering tool.	W168743	
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TS0029	CAMERA LOWERING SYSTEMS, INC.----- MODEL: CEPM-16HD-DE-XXX-110514 Arm and disconnect unit for external tower mount with guide cable and permanent mount lowering tool.	W168744	
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TS0148	MG SQUARED, INC.----- MODEL: CLDMG2-EXT-HYPIP-XX Arm and disconnect unit for external pole/ Tower mount with guide cable and permanent mount lowering tool.	W168740	
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TS0254	TREEHAVEN----- MODEL: 13/C Composite Cable	W108741	
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TS0114	WTI----- MODEL: SIDEWINDER H.264 Standard Definition	W168741	
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TS0114	WTI----- MODEL: Viper H.264 High Definition	W178743	
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TS0254	TREEHAVEN ----- MODEL: 1103Z IP Camera Dome with UDP Support	W178742	
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TS0254	TREEHAVEN ----- MODEL: RVS 3000 Camera Controller	W108743	
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TS0254	TREEHAVEN ----- MODEL: RVSFB120RNET Field Box Camera Interface	W168742	
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February 2, 2018

TRAFFIC SIGNAL and ITS CONTROL EQUIPMENT

Specification Reference: 922

SM Material Codes: 913M15025 to 913M15100

Source Code	Manufacturer Product Name	Approval Number	Comments
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ITS MICROWAVE VEHICLE RADAR

SM Material Code: 913M15025

TS0545	WAVETRONIX----- MODEL: SS105 SMART SENSOR TRAFFIC CONTROLLER ASSEMBLY	W108745	
TS0545	WAVETRONIX ----- MODEL: SS125 SMART SENSOR TRAFFIC CONTROLLER ASSEMBLY	W108746	
TS0137	IMAGE SENSING SYSTEMS, INC.----- MODEL: RTMS G4 RADAR	W108747	
TS0137	IMAGE SENSING SYSTEMS, INC.----- MODEL: RTMS SX-300	W178745	
TS0545	WAVETRONIX ----- MODEL: #WX-SS-105V SMART SENSOR V	W128740	