

IC - W1 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	12/3	12/3 SOOW Portable Cord 600V UL/CSA	Royal	SOOW/SJOOW	wire and cable your way	SOO12s3	\$0.7700	3, 3, 3 ft
Connector	DT06-2S	Automotive Connectors DT Plug 2 Way	TE Connectivity / DEUTSCH	DT06-2S	Mouser	571-DT06-2S	\$1.17	2
Wedge Lock	For DT06-2S	Automotive Connectors DT Plug 2 Way	TE Connectivity / DEUTSCH	W2-S	Mouser	571-W2-S	\$0.1800	2
Shell	For DT06-2S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-227-0205	Mouser	571-1011-227-0205	\$2.0200	2
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	4

IC - W2 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	12/3	12/3 SOOW Portable Cord 600V UL/CSA	General Cable / Carol	GR0669738	wire and cable your way	SOO12s3	\$0.5700	7 ft
Connector	DT06-3S	Automotive Connectors DT Plug 3 Way	TE Connectivity / DEUTSCH	DT06-3S	Mouser	571-DT06-3S	\$1.38	1
Wedge Lock	For DT06-3S	Automotive Connectors DT Plug 3 Way	TE Connectivity / DEUTSCH	W3-S	Mouser	571-W3-S	\$0.1800	1
Shell	For DT06-3S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-259-0305	Mouser	571-1011-259-0305	\$4.9200	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	2
Terminals	Fork	Terminals NYL-FORK 16-14 BLU #6 M3.5+	TE Connectivity / AMP	8-32060-1	Mouser	571-8-32060-1	\$0.6300	3

IC - W3 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	12/2	12/2 SOOW Portable Cord 600V UL/CSA	General Cable / Carol	GR0669738	wire and ca	SOO12s2	\$0.5700	2 ft
Connector	DT06-2S	Automotive Connectors DT Plug 2 Way	TE Connectivity / DEUTSCH	DT06-2S	Mouser	571-DT06-2S	\$1.17	1
Wedge Lock	For DT06-2S	Automotive Connectors DT Plug 2 Way	TE Connectivity / DEUTSCH	W2-S	Mouser	571-W2-S	\$0.1800	1
Shell	For DT06-2S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-227-0205	Mouser	571-1011-227-0205	\$2.0200	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	2
Terminals	Fork	Terminals NYL-FORK 16-14 BLU #6 M3.5+	TE Connectivity / AMP	8-32060-1	Mouser	571-8-32060-1	\$0.6300	2

IC - W6 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/4	Trailer Cable 4 Conductor 16 GA PVC Black Jacket 60V			WayTek	WTW16-4	\$0.4642	10, 4, 10, 4, 4, 4
Connector	DT06-4S	Automotive Connectors DT Plug 4Way	TE Connectivity / DEUTSCH	DT06-4S	Mouser	571-DT06-4S	\$1.6400	2
Wedge Lock	For DT06-4S	Automotive Connectors WEDGELOCK, DT, 4 WAY PLUG	TE Connectivity / DEUTSCH	W4-S	Mouser	571-W4-S	\$0.7100	2
Shell	For DT06-4S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-235-0405	Mouser	571-1011-235-0405	\$2.5000	2
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	8

IC - W7 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/1	16MTW PINK 500'R ROHS	COLEMAN CABLE	411020511	KSC Direct	CAB 411020511	\$0.0700	0.1
Connector	DT06-4S	Automotive Connectors DT Plug 4Way	TE Connectivity / DEUTSCH	DT06-4S	Mouser	571-DT06-4S	\$1.6400	1
Wedge Lock	For DT06-4S	Automotive Connectors WEDGELOCK, DT, 4 WAY PLUG	TE Connectivity / DEUTSCH	W4-S	Mouser	571-W4-S	\$0.7100	1
Shell	For DT06-4S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-235-0405	Mouser	571-1011-235-04	\$2.5000	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16	\$0.7700	4

IC - W11 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	2/0	2/0 Welding Cable with Hight Flexability. Rated for 600 V	Royal Excelene	10416-30FT-BLK	WireAndSupply	WC-2/0-01	\$2.2000	3, 3, 3, 3, 3
Connector	8/32 ring	Terminals LUG RING TONGUE AWG 14-16	TE Connectivity	324955	Mouser	571-324955	\$0.2900	2

IC - W12 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	2/0	2/0 Welding Cable with Hight Flexability. Rated for 600 V	Royal Excelene	10416-30FT-BLK	Wire And Supply	WC-2/0-01	\$0.2200	7
Connector	8/32 ring	Terminals LUG RING TONGUE AWG 14-16	TE Connectivity	324955	Mouser	571-324955	\$0.2900	1
Connector	NLDFT-E-GN-L-S120-M40A	ITT Cannon Line Drain Green	ITT CANNON	NLDFT-E-GN-L-S120-M40A	Newark	44W4334	\$56.8600	1

IC - W13 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	2/0	2/0 Welding Cable with Hight Flexability. Rated for 600 V	Royal Excelene	10416-30FT-BLK	Wire And Supply	WC-2/0-01	\$0.2200	7
Connector	8/32 ring	Terminals LUG RING TONGUE AWG 14-16	TE Connectivity	324955	Mouser	571-324955	\$0.2900	1
Connector	NLDFT-N-BL-L-S120-M40A	ITT Cannon Line Drain Blue	ITT CANNON	NLDFT-N-BL-L-S120-M40A	Newark	44W4336	\$56.8600	1

IC - W15 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	2/0	2/0 Welding Cable with Hight Flexability. Rated for 600 V	Royal Excelene	10416-30FT-BLK	Wire And Supply	WC-2/0-01	\$0.2200	10
Connector	NLDFT-N-BL-L-S120-M40A	ITT Cannon Line Drain Blue	ITT CANNON	NLDFT-N-BL-L-S120-M40A	Newark	44W4336	\$56.8600	1
Connector	GNLS-N-BL-S120-M40A	ITT Cannon Line Source Blue	ITT CANNON	NLS-N-BL-S120-M40A	Newark	44W4346	\$57.3500	1

IC - W18 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/2	CABLE 2COND 16AWG BLACK 1M	Tensility International Corp	30-00680	Digikey	T1330-1-ND	\$2.2100	6
Connector	DT06-2S	Automotive Connectors DT Plug 2 Way	TE Connectivity / DEUTSCH	DT06-2S	Mouser	571-DT06-2S	\$1.17	1
Wedge Lock	For DT06-2S	Automotive Connectors DT Plug 2 Way	TE Connectivity / DEUTSCH	W2-S	Mouser	571-W2-S	\$0.1800	1
Shell	For DT06-2S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-227-0205	Mouser	571-1011-227-0205	\$2.0200	1
Connector	37 pin D Conn	D-Sub Standard Connectors LPM PLUG 37P	TE Connectivity / AMP	1658613-1	Mouser	571-1658613-1	\$13.6900	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	2

IC - W20 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Cable	HDMI	HDMI	Molex	68786-0001	Newark	55R0899	14.81	10

IC - W21 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/12	12, Wire Size: 16 AWG, Jacket Type: SOOW	General Cable/Carol Brand	09612.99.01	Grainger	3ENF6	\$3.3500	3
Wire	20/3	20GA Can-Bus Cable J1939/11 SAE Shielded Drain No Filler	Prestolite Wire/General Cable	J1939/11	WayTek	CB20-11	\$0.4782	3
Connector	DT06-12SA	Automotive Connectors DT Plug 12 Way	TE Connectivity / DEUTSCH	DT06-12SA	Mouser	571-DT06-12SA	\$5.0800	1
Wedge Lock	For DT06-12S	Automotive Connectors WEDGELOCK, DT, 12 WAY PLUG	TE Connectivity / DEUTSCH	W12S	Mouser	571-W12S	\$0.4200	1
Shell	For DT06-12S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-247-1205	Mouser	571-1011-247-1205	\$3.3600	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	12
Connector	35 pin motor controller	Automotive Connectors HDR 35POS VRT BLK	TE Connectivity	776231-1	Mouser	571-776231-1	\$11.0400	1
Pin	socket	Pin & Socket Connectors SOCKET 24-18 BULK	TE Connectivity / AMP	350689-1	Mouser	571-3506891	\$0.1400	12

IC - W22 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/12	12, Wire Size: 16 AWG, Jacket Type: SOOW	General Cable/Carol Brand	09612.99.01	Grainger	3ENF6	\$3.3500	7 ft
Connector	DT06-12SA	Automotive Connectors DT Plug 12 Way	TE Connectivity / DEUTSCH	DT06-12SA	Mouser	571-DT06-12SA	\$5.0800	1
Wedge Lock	For DT06-12S	Automotive Connectors WEDGELOCK, DT, 12 WAY PLUG	TE Connectivity / DEUTSCH	W12S	Mouser	571-W12S	\$0.4200	1
Shell	For DT06-12S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-247-1205	Mouser	571-1011-247-1205	\$3.3600	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	12
Terminals	Fork	Terminals NYL-FORK 16-14 BLU #6 M3.5+	TE Connectivity / AMP	8-32060-1	Mouser	571-8-32060-1	\$0.6300	12

IC - W23 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/2	CABLE 2COND 16AWG BLACK 1M	Tensility International Corp	30-00680	Digikey	T1330-1-ND	\$2.2100	4 cables of length (7ft, 7ft, 7ft, 7ft)
Connector	DT06-8SA	Automotive Connectors DT Plug 8 Way	TE Connectivity / DEUTSCH	DT06-8SA	Mouser	571-DT06-8SA	\$8.1800	1
Wedge Lock	For DT06-8SA	Automotive Connectors WEDGE LOCK FOR 8WAY PLUG	TE Connectivity / DEUTSCH	W8-S	Mouser	571-W8-S	\$0.3100	1
Shell	For DT06-8SA	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-243-0805	Mouser	571-1011-243-0805	\$4.3600	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	8
Connector	8/32 ring	Terminals LUG RING TONGUE AWG 14-16	TE Connectivity	324955	Mouser	571-324955	\$0.2900	1

IC - W24 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/12	12, Wire Size: 16 AWG, Jacket Type: SOOW	General Cable/Carol Brand	09612.99.01	Grainger	3ENF6	\$3.3500	9 ft
Connector	DT06-12SA	Automotive Connectors DT Plug 12 Way	TE Connectivity / DEUTSCH	DT06-12SA	Mouser	571-DT06-12SA	\$5.0800	1
Wedge Lock	For DT06-12S	Automotive Connectors WEDGELOCK, DT, 12 WAY PLUG	TE Connectivity / DEUTSCH	W12S	Mouser	571-W12S	\$0.4200	1
Shell	For DT06-12S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-247-1205	Mouser	571-1011-247-1205	\$3.3600	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	8
Terminals	Fork	Terminals NYL-FORK 16-14 BLU #6 M3.5+	TE Connectivity / AMP	8-32060-1	Mouser	571-8-32060-1	\$0.6300	12

IC - W25 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/8	16/8 SOOW Portable Cord 600V UL/CSA			wire and cable your way	SOO16s8	\$0.9800	7 ft
Connector	DT06-8SA	Automotive Connectors DT Plug 8 Way	TE Connectivity / DEUTSCH	DT06-8SA	Mouser	571-DT06-8SA	\$8.1800	1
Wedge Lock	For DT06-8SA	Automotive Connectors WEDGE LOCK FOR 8WAY PLUG	TE Connectivity / DEUTSCH	W8-S	Mouser	571-W8-S	\$0.3100	1
Shell	For DT06-8SA	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-243-0805	Mouser	571-1011-243-0805	\$4.3600	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	8
Terminals	Fork	Terminals NYL-FORK 16-14 BLU #6 M3.5+	TE Connectivity / AMP	8-32060-1	Mouser	571-8-32060-1	\$0.6300	8

IC - W26 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	22/6	CABLE 6COND 22AWG GRAY 100'	General Cable/Carol Brand	C4066A.12.10	DigiKey	W124-100-ND	\$79.2100	3
Connector	DT06-6S	Automotive Connectors DT Plug 6 Way	TE Connectivity / DEUTSCH	DT06-6S	Mouser	571-DT06-6S	\$1.1700	1
Wedge Lock	For DT06-6S	Automotive Connectors WEDGELOCK DT 6 WAY PLUG	TE Connectivity / DEUTSCH	W6-S	Mouser	571-W6-S	\$0.3800	1
Shell	For DT06-6S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-267-0605	Mouser	571-1011-267-0605	\$2.7800	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	6
Connector	35 pin motor controller	Automotive Connectors HDR 35POS VRT BLK	TE Connectivity	776231-1	Mouser	571-776231-1	\$11.0400	1
Pin	socket	Pin & Socket Connectors SOCKET 24-18 BULK	TE Connectivity / AMP	350689-1	Mouser	571-3506891	\$0.1400	6

IC - W28 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/12	12, Wire Size: 16 AWG, Jacket Type: SOOW	General Cable/Carol Brand	09612.99.01	Grainger	3ENF6	\$3.3500	3 ft
Connector	DT06-2S	Automotive Connectors DT Plug 2 Way	TE Connectivity / DEUTSCH	DT06-2S	Mouser	571-DT06-2S	\$1.17	1
Wedge Lock	For DT06-2S	Automotive Connectors DT Plug 2 Way	TE Connectivity / DEUTSCH	W2-S	Mouser	571-W2-S	\$0.1800	1
Shell	For DT06-2S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-227-0205	Mouser	571-1011-227-0205	\$2.0200	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	2
Connector	8/32 ring	Terminals LUG RING TONGUE AWG 14-16	TE Connectivity	324955	Mouser	571-324955	\$0.2900	1

IC - W31 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	20/3	20GA Can-Bus Cable J1939/11 SAE Shielded Drain No Filler	Prestolite Wire/General Cable	J1939/11	WayTek	CB20-11	\$0.4782	5,10,10,5,8,10,5
Wire	12/3	12/3 SOOW Portable Cord 600V UL/CSA	Royal	SOOW/SJOOW	wire and cable your way	SOO12s3	\$0.7700	5,10,10,5,8,10,6
Connector	DT06-6S	Automotive Connectors DT Plug 6 Way	TE Connectivity / DEUTSCH	DT06-6S	Mouser	571-DT06-6S	\$1.1700	2
Wedge Lock	For DT06-6S	Automotive Connectors WEDGELOCK DT 6 WAY PLUG	TE Connectivity / DEUTSCH	W6-S	Mouser	571-W6-S	\$0.3800	2
Shell	For DT06-6S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-267-0605	Mouser	571-1011-267-0605	\$2.7800	2
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	12

IC - W32 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wedge Lock	For DT06-6S	Automotive Connectors WEDGELOCK DT 6 WAY PLUG	TE Connectivity / DEUTSCH	W6-S	Mouser	571-W6-S	\$0.3800	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	1
Resistor	120 ohm	120 ohm resistor	Ohmite	OF121JE	Mouser	588-OF121JE	\$0.8000	1
Connector	DT06-6S	Automotive Connectors DT Plug 6 Way	TE Connectivity / DEUTSCH	DT06-6S	Mouser	571-DT06-6S	\$1.1700	1
Wedge Lock	For DT06-6S	Automotive Connectors WEDGELOCK DT 6 WAY PLUG	TE Connectivity / DEUTSCH	W6-S	Mouser	571-W6-S	\$0.3800	1

IC - W33 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/6	16/6 SOOW Portable Cord 600V UL/CSA			wire and cable your way	SOO16s6	\$0.8500	2 ft
Connector	DT06-6S	Automotive Connectors DT Plug 6 Way	TE Connectivity / DEUTSCH	DT06-6S	Mouser	571-DT06-6S	\$1.1700	1
Wedge Lock	For DT06-6S	Automotive Connectors WEDGELOCK DT 6 WAY PLUG	TE Connectivity / DEUTSCH	W6-S	Mouser	571-W6-S	\$0.3800	1
Shell	For DT06-6S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-267-0605	Mouser	571-1011-267-0605	\$2.7800	1
Terminals	Fork	Terminals NYL-FORK 16-14 BLU #6 M3.5+	TE Connectivity / AMP	8-32060-1	Mouser	571-8-32060-1	\$0.6300	6

IC - W35 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	20/3	20GA Can-Bus Cable J1939/11 SAE Shielded Drain No Filler	Prestolite Wire/General Cable	J1939/11	WayTek	CB20-11	\$0.4782	3
Connector	DT06-3S	Automotive Connectors DT Plug 3 Way	TE Connectivity / DEUTSCH	DT06-3S	Mouser	571-DT06-3S	\$1.38	2
Wedge Lock	For DT06-3S	Automotive Connectors DT Plug 3 Way	TE Connectivity / DEUTSCH	W3-S	Mouser	571-W3-S	\$0.1800	2
Shell	For DT06-3S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-259-0305	Mouser	571-1011-259-0305	\$4.9200	2
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201-16141	\$0.7700	6

IC - W36 - Bill of Materials

Item	Value	Description	Manufacturer	Manufacturer P/N	Supplier	Supplier P/N	Unit Cost (for 1 part/foot)	Length / Quantity Needed (per cable)
Wire	16/8	16/8 SOOW Portable Cord 600V UL/CSA			wire and cable your way	SOO16s8	\$0.9800	4
Connector	DT06-6S	Automotive Connectors DT Plug 6 Way	TE Connectivity / DEUTSCH	DT06-6S	Mouser	571-DT06-6S	\$1.1700	1
Wedge Lock	For DT06-6S	Automotive Connectors WEDGELOCK DT 6 WAY PLUG	TE Connectivity / DEUTSCH	W6-S	Mouser	571-W6-S	\$0.3800	1
Shell	For DT06-6S	Automotive Connectors 180 DEG STRAIGHT BACKSHELL	TE Connectivity / DEUTSCH	1011-267-0605	Mouser	571-1011-267- 0605	\$2.7800	1
Pin	female crimp 16 to 20 gauge	DT Series 16-18-20 Gauge Nickel Plated Solid Socket	TE Connectivity / DEUTSCH	0462-201-16141	Mouser	571-0462-201- 16141	\$0.7700	6
Terminals	Fork	Terminals NYL-FORK 16-14 BLU #6 M3.5+	TE Connectivity / AMP	8-32060-1	Mouser	571-8-32060-1	\$0.6300	8