











					Supplier	Supplier	Supplier Unit				Supplier Part
Comment	Description 560pF ±10% 100V Ceramic	Designator	Footprint	Quantity	Stock 1	Subtotal 1	Price 1	Manufacturer	PartNumber	Supplier 1	Number 1
0.15	Capacitor X7R 0603 (1608	02 07 00 040	0/00		10105	0.40	0.40	AND O	0/00405/4//4704	Diet Ken	470 00/7 1 ND
0.1uF	Metric) 4.7 kOhms ±1% 0.1W,	C3, C7, C8, C12	0603	4	10125	0.48	0.12	AVX Corporation	06031C561K4T2A	Digi-Key	478-9867-1-ND
	1/10W Chip Resistor 0603										
	(1608 Metric) Automotive AEC-Q200, High Voltage	R2, R5, R6, R8, R14, R15,									
4.7k	Thick Film		0603	7	13896	1.12	0.16	Rohm Semiconductor	KTR03EZPF4701	Digi-Key	RHM4.7KAYCT-ND
	16MHz ±30ppm Crystal 18pF 30 Ohm -20°C ~ 70°C										
16MHz	Through Hole HC49/US	Y1	XTAL 4 pad	1	21706	1.09	1.09	ECS Inc.	ECS-160-18-33Q-DS	Digi-Key	XC1991CT-ND
	18pF ±5% 50V Ceramic Capacitor COG, NPO 0603										
18pF	(1608 Metric)	C9, C10	0603	2	227080	0.2	0.1	Kemet	C0603C180J5GACTU	Digi-Key	399-1052-1-ND
	22µF ±20% 25V Ceramic Capacitor X5R 1206 (3216										
22uF	Metric)	C6	1206	1	20254	0.55	0.55	Murata Electronics North America	GRT31CR61E226ME01L	Digi-Key	490-12451-1-ND
	47µF 35V Aluminum Capacitors Radial, Can -										
47uF	SMD 5000 Hrs @ 105°C	C4	Elec. Cap - D	1	25288	0.62	0.62	Panasonic Electronic Components	EEE-HDV470XAP	Digi-Key	PCE4968CT-ND
	120 Ohm ±1% 0.1W, 1/10W										
	Chip Resistor 0603 (1608 Metric) Automotive AEC-	R1, R3, R4, R7, R9, R10, R11,									RMCF0603FT120R
120	Q200 Thick Film		0603	9	60495	0.9	0.1	Stackpole Electronics Inc.	RMCF0603FT120R	Digi-Key	CT-ND
	560pF ±10% 100V Ceramic Capacitor X7R 0603 (1608										
560pF	Metric)	C1, C2, C5, C11	0603	4	10125	0.48	0.12	AVX Corporation	06031C561K4T2A	Digi-Key	478-9867-1-ND
	Diode Schottky 1000V 1A Surface Mount DO-214AC										
ACURA107-HF	(SMA)	D1, D4	SMA with A and K	2				Comchip Technology	ACURA107-HF	Digi-Key	641-1884-1-ND
	AVR Automotive, AEC-Q100, AVR® ATtiny										
	Microcontroller IC 8-Bit										
ATtiny861-15MAZ	16MHz 8KB (4K x 16) FLASH 20-QFN (4x4)	U6, U7	20PC_M	2				Microchip Technology	ATTINY861-15MAZ	Digi-Key	1611-ATTINY861- 15MAZCT-ND
ATTITIYOOT-TSIVIAZ	CONN HEADER .100 SNGL		_							Digi-key	
FTDI Serial Interface	STR 6POS	P1, P5	HDR1X6	2	1152	1.24	0.62	3M	929400-01-06-RK	Digi-Key	929400E-01-06-ND
	Green 570nm LED Indication - Discrete 2.2V										
Green	0805 (2012 Metric)	D2, D5	0805 Polarized	2	280047	0.52	0.26	OSRAM Opto Semiconductors Inc.	LG R971-KN-1	Digi-Key	475-1410-1-ND
Header 3	Header, 3-Pin	P3	HDR1X3	1							
Header 3X2	CONN HEADER 6POS DUAL .100 TIN	ICSP1, ICSP2	HDR2X3	2	0	1.48	0.74	3M	929836-01-03-RK	Digi-Key	929836E-01-03-ND
Header 5	Header, 5-Pin	P2, P4	HDR1X5	2							
Header 11	Header, 11-Pin	P6, P7	HDR1X11	2							
	Microchip CAN FD										MCP2558FDT- H/MNY,
	Transceiver with Silent										MCP2558FDT-
MCP2558	Mode CAN Interface IC CAN	U1, U4	TDFN	2				Microchip	MCP2558FDT-H/MNY	Arrow	H/MNYCT-ND
	Controller with Int.										
	Transceiver 28-QFN, CAN Interface IC CAN Controller										
	with Int. Transceiver 28-										MCP25625-E/SS-
MCP25625	QFNP	U3, U5	SOP65P780X200-28N	2	2439	5.34	2.67	Microchip	MCP25625-E/SS	Digi-Key	ND
	Red 633nm LED Indication - Discrete 2V 0805 (2012										
Red	Metric)	D3, D6	0805 Polarized	2	363028	0.52	0.26	OSRAM Opto Semiconductors Inc.	LS R976-NR-1	Digi-Key	475-1278-1-ND
Socket	Socket	GND1	PIN1	1							
SPST Switch	SWITCH SLIDE SPDT 200MA 30V	SW1, SW2	Slide Switch R/A	2	20892	0.56	0.28	TE Connectivity AMP Connectors	1825232-1	Digi-Key	A107673-ND
								-			
	5 V Low Drop Voltage Regulator, 5.5 to 45 V									1	
751011.00	Supply, -40 to 150 degC, PG								7510// 00		TLE42662GHTMA2
TLE4266-2G	SOT223 (SC-73), Reel, Green 34.5V 80A Varistor 1 Circuit	U2	INF-PG-SOT223_SC-73_N	1				Infineon	TLE4266-2G	Digi-Key	CT-ND
	Surface Mount 0805 (2012	L									[]
Transfeed Varistor 26V	Metric)	TVS1, TVS2	Transfeed	2	2000	1.56	0.78	AVX	V2AF126C600Y2EDP	Digi-Key	478-10038-1-ND