



Description	Designator	LibRef	Quantity	Mfg	Mfg PN	MANF	MANF_P/N	Supplier 1	Supplier Part Number 1
0.1μF ±5% 50V Ceramic Capacitor X7R 0603 (1608 Metric)	C1, C2, C3	CAP CER 0.1UF 50V X7R 0603	3	Yageo	CC0603JRX7R9BB1 04			Digi-Key	311-1779-1-ND
1μF ±10% 25V Ceramic Capacitor X5R 0805 (2012 Metric)	C4	CAP_08053D105KAT2 A	1			AVX Corporation	08053D105KAT2A	Digi-Key	478-1409-1-ND
10μF ±10% 25V Ceramic Capacitor X5R 0805 (2012 Metric)	C5, C6, C7	CAP_C2012X5R1E106 K125AB	3			TDK Corporation	C2012X5R1E106K1 25AB	Digi-Key	445-5984-1-ND
20V Clamp 3A (8/20μs) Ipp Tvs Diode Surface Mount 2-X3DFN (0.62x0.32)	D1	ESD8472	1			ON SEMICONDUCTOR	ESD8472MUT3G	Digi-Key	ESD8472MUT3GO SCT-ND
Diode Schottky 30V 500mA (DC) Surface Mount SOD-323	D2	DIODE SCHOTTKY 30V 500MA SOD323	1			ON Semi	NSR0530HT1G	Mouser	863-NSR0530HT1G
220 Ohms @ 100MHz 1 Ferrite Bead 0402 (1005 Metric) 700mA 280mOhm	F1, F2, F3	FB_BLM15EG221SN1D	3			Murata	BLM15EG221SN1D	Digi-Key	490-4005-1-ND
USB - micro B USB 2.0 Receptacle Connector 5 Position Surface Mount, Right Angle	J1	USB2_MICRO	1			Hirose Electric Co Ltd	ZX62WD1-B-5PC	Digi-Key	H12193CT-ND
0.1" 8 pin thru hole receptacle	J2, J3	HDR_TH_2.54_8	2	Sullins Connector Solutions	PPTC081LFBN-RC			Digi-Key	S7006-ND
	P8	BBB_P8	1						
	P9	BBB_P9	1						
RES SMD 5.6K 0.1% 1/10W 0603	R1, R2	RES_5.6K_0.1%_1/10_ 0603	2	Yageo	RT0603BRD075K6L			Digi-Key	YAG1699CT-ND
RES SMD 4.75K 0.1% 1/10W 0603	R3, R4, R5	RES_4.75K_0.1%_1/10_ 0603	3	Yageo	RT0603BRD074K75 L			Digi-Key	YAG2310CT-ND
DIP Switch, 2 Position, SPST	S1	SW DIP-2	1						
Test Point, Black, 1- Pin THD, RoHS, Bulk	TP1, TP2, TP3	TP_5001	3			Keystone	5001	Digi-Key	36-5001-ND
EEPROM Memory IC 256Kb _32K x 8_ I2C 1MHz 500ns 8-SOIC	U1	CAT24C256	1	OnSemi	CAT24C256WI- GT3			Digi-Key	CAT24C256WI- GT3OSCT-ND
Linear Voltage Regulator IC 1 Output 200mA 8- SOIC-EP	U2	IC_AD7142ARDZ-5.0- R7	1			Analog Devices	ADP7142ARDZ-5.0- R7	Mouser	584-P7142ARDZ- 5.0-R7