

QTY	Designator	Comment	Description	MFR	MPN	DNP	Footprint
5	C1, C3, C4, C11, C12	0.1uF	CAP, CER, CHIP, 0.1, 0603	Kemet	C0603C104K3RACTU	-	0603
1	C15	0.33uF	CAP, CER, CHIP	Yageo	CC0603JRX7R8BB334	-	0603
1	C2	1000pF		Murata	GRM1885C1H102JA01D	-	0603
1	C5	4.7uF	MLCC, 16V, 1210, 4.7uF	Walsin	1206B475K100CT	-	1210
2	C6, C7	22uF	MLCC, 16V, 1206, 22uF	Taiyo-Yuden	EMK316BB7226ML-T	-	1206
4	C8, C9, C10, C13	1.0uF	MLCC, 16V, 0805, 1uF	Taiyo Yuden	UMK212BJ105KG-T	-	0805
1	D1	TVS, 8V	Tranzorb Diode	Vishay	MSMP15A-M3/89A	-	DO219
1	D2	RB168MM-40TFTR	Schottky Diode	ON Semi	RB168MM-40TFTR	-	SOD123
1	D3	STATUS	LED, SMD	Kingbright	AP2012SGD3	-	0805-LED
1	D4	PWR	LED, SMD	Kingbright	AP2012SRCPRV	-	0805-LED
1	D5	5.2V	DIO, ZNR, 100mW, 5.2V, SOT-23	Nexperia	BZX84-B5V1,215	-	SOT23-A
15	FB1, FB2, FB3, FB4, FB5, FB6, FB7, FB8, FB9, FB10, FB11, FB12, FB13, FB14, FB15, FB16, FB17	600 ohm		Murata	BLM31PG601SN1L	-	0603
1	J1	HM133	Connector, RJ-45, 42 mtg holes	Amphenol Com'cl	RJLSE4138101	-	RJ-45_RJLSE41389101
1	J2	RIG	Connector, RJ-45, 42 mtg holes	Amphenol Com'cl	RJLSE4138101	-	RJ-45_RJLSE41389101
1	P1	MCU_PGM	CON, 1.25mm, 6POS	Molex	53398-0671 (V)	-	CON_1.25MM_6P
3	Q1, Q4, Q5	BSH103	TR, FET, NCH, 500mA, SOT-23	Fairchild Semi.	BSH103,115	-	SOT23-A
1	Q2	MMBT2222A	TR, NPN, 300mA, SOT-23	Nexperia	MMBT2222A,215	-	SOT23-A
1	Q6	FDN358	TR, P-CH, 500mA, SOT-23	Diodes Inc	DMP31D7L-7	-	SOT23-A
3	R1, R2, R8	1.00K		Yageo	RC0402FR-071KL	-	0402
1	R10	2.20K		Yageo	RC0402FR-072K2L	-	0402
1	R12	470		Yageo	RC0603FR-07470RL	-	0603
1	R15	6.13K		Yageo	RC0402FR-076K13L	-	0402
2	R16, R31	620		Yageo	RC0402FR-07620RL	-	0402
1	R17	10K		Yageo	RC0402FR-0710KL	-	0402
1	R18	1K		Bourns	3362H-1-102LF	-	POT_3362H
1	R19	1.8K		Yageo	RC0402FR-071K8L	-	0402
4	R20, R21, R22, R23	49.9K		Yageo	RC0402FR-0749K9L	-	0402
1	R27	49.9		Yageo	RC0402FR-0749R9L	-	0402
1	R3	2.00		Yageo	RC0603FR-0782RL	-	0603
5	R4, R5, R14, R25, R26	20K	RES, CHP, 0402, 20K	Yageo	RC0402FR-0720KL	-	0402
1	R6	102K		Yageo	RC0402FR-07102KL	-	0402
3	R7, R9, R28	820		Yageo	RC0603FR-07820RL	-	0603
1	U1	LM2937IMP-3.3/NOPB	LM2937ET-3.3	TI	LM2937IMP-3.3/NOPB	-	SOT223
1	U2	C8051F530	IC, MCU, 8051, F531	SiLabs	C8051F531-C-IT	-	TSSOP-20
1	U3	74LVC1G3157	IC, Analog SW, SPDT	TI	SN74LVC1G3157DCKR	-	SOT-23-6
1	U6	74AHC1G00+5V	IC,GATE,2IN,NAND,SNGL	TI	74AHCT1G00DBVRG4	-	SOT-23-5

1	C14	10uF				DNP	1206
1	R11	4.99K		Yageo	RC0402FR-07L	DNP	0402
2	FB12, FB17	600 ohm		Murata	BLM31PG601SN1L	DNP	0603
2	R29, R30	200K		Yageo	RC0402FR-07200KL	DNP	0402