

Item	QTY	Reference	Part Discription	Footprint	MFR	P/N	
1	8	C1,C2,C5,C7,C8,C9,C10,C14	CAP 0603 0.1uF 10% X7R 50V	0603	MURATA	GRM188R71H104KA93D	
2	1	C3	CAP 0603 0.33uF 10% X7R 16V	0603	MURATA	GRM188R71C334KA01D	
3	5	C4,C6,C13,C15,C16	CAP 0603 1uF 20% X7R 16V	0603	TDK	C1608X7R1C105M	
4	2	C11,C12	CAP 0603 10nF 10% NP0 50V	0603	AVX	06035C103MAT2A	
5	1	D1	DIODE SCHOTTKY DO-214AA 1A 20V	DO-214AA	Micro Commercial	SK12-TP	
6	1	D2	DIODE SCHOTTKY SOT23-3 30V 200mA	SOT23-3	FAIRCHILD	BAT54C	
7	1	D3	LED RED	0603			
8	1	D5	LED RED/GREEN	0805-Dual			
9	3	FB1,FB2,FB3	FERRITE BEAD 1206 2A/0.05DCR	1206	MURATA	BLM31PG391SN1L	
10	1	L1	INDUCTOR 0805 10uH	0805	TDK	MLZ2012E100MT	
11	1	P1	CONN T.H. MINI USB	T.H.	MOLEX	56579-0519	
12	1	R11	RES 0603 1K OHM 1/10W 5%	0603	YAGEO	RC0603JR-071KL	
13	1	R1	RES 0603 470 OHM 1/10W 5%	0603	VISHAY	CRCW0603470RFKEA	
14	5	R4,R5,R8,R9,R10	RES 0603 5.6K OHM 1/10W 5%	0603	YAGEO	RC0603JR-075K6L	
15	2	R7,R6	RES 0603 22 OHM 1/10W 5%	0603	YAGEO	RC0603JR-0722RL	
16	1	TP46,TP47,TP48,TP49,TP50	HEADER MALE 0.1" SP 5X1 STRAIGHT WITH WALL	T.H.			TOP
17	1	TP17,TP19,TP21,TP23,TP26,TP27	HEADER MALE 0.1" SP 6X1 STRAIGHT	T.H.			
18	1	TP10,TP11,TP12,TP13,TP16,TP18,TP20,TP22,TP24,TP25	HEADER MALE 0.1" SP 10X1 STRAIGHT	T.H.			
19	1	TP29,TP30,TP31,TP33,TP34,TP35,TP36,TP37	HEADER MALE 0.1" SP 8X1 STRAIGHT	T.H.			
20	1	TP6,TP7,TP8,TP9,TP14,TP15	HEADER MALE 0.1" SP 6X1 STRAIGHT	T.H.			
21	1	TP41,TP42,TP43,TP44,TP45	HEADER MALE 0.1" SP 5X1 STRAIGHT	T.H.			TOP
22	1	TP4,TP5	HEADER MALE 0.1" SP 2X1 STRAIGHT	T.H.			TOP
23	1	TP1,TP2,TP3	HEADER MALE 0.1" SP 3X1 STRAIGHT	T.H.			TOP
24	1	TP28,TP32	HEADER MALE 0.1" SP 2X1 STRAIGHT	T.H.			TOP
25	3	TP38,TP39,TP40	TEST POINTS	T.H.			
26	2	Shunts					
27	1	U1	IC REG POS 1.5A 5V PREC DPAK	TO252/D-PAK	STMicro	L7805CDT-TR	
28	1	U2	IC MCU 8BIT 16KB FLASH 68QFN	QFN68	CYPRESS	CY8C5868LTI-LP039	
29	1	U3	IC TSSOP8 256K EEPROM	TSSOP8-0.65MM	ON Semi	CAT24C256YI-G	

 No Stuffing  
 Optional