

Item	Qty	Reference Designator	Part Description	Footprint	MFR	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	4	C4,C6,C13,C15	CAP 0603 1uF 20% X7R 16V	0603	TDK	C1608X7R1C105M
4	2	C11,C12	CAP 0603 18pF 10% NP0 50V	0603	AVX	06035A180JAT2A
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 COLOR 0603	0603	KingBright	APT1608SRCPRV
8	3	FB1,FB2,FB3	FERRITE BEAD 1206 2A/0.05DCR	1206	MURATA	BLM31PG391SN1L
9	1	L1	INDUCTOR 0805 10uH	0805	TDK	MLZ2012E100MT
10	8	R1,R2,R3,R4,R5,R8,R9,R10	RES 0603 5.6K OHM 1/10W 5%	0603	YAGEO	RC0603JR-075K6L
11	2	R7,R6	RES 0603 22 OHM 1/10W 5%	0603	YAGEO	RC0603JR-0722RL
12	1	R11	RES 0603 1K OHM 1/10W 5%	0603	XICON	301-1.0K-RC
13	1	J1	HEADER MALE 0.1" SP 2X5 STRAIGHT	T.H.	SAMTEC	FTSH-105-01-L-D-K
14	1	P1	CONN MINI USB B SMD	T.H.	MOLEX	56579-0519
15	1	TP17, TP19,TP21,TP23,TP26,TP27	HEADER MALE 0.1" SP 1X6 STRAIGHT	T.H.	MOLEX	22-28-4067
16	1	TP29,TP30,TP31,TP33,TP34,TP35,TP36,TP37	HEADER MALE 0.1" SP 1X8 STRAIGHT	T.H.	MOLEX	22-28-4084
17	1	TP41,TP42,TP43,TP44,TP45	HEADER MALE 0.1" SP 1X5 STRAIGHT	T.H.	MOLEX	22-28-4050
18	1	TP6,TP7,TP8,TP9,TP14,TP15	HEADER MALE 0.1" SP 1X6 STRAIGHT	T.H.	MOLEX	22-28-4067
19	1	TP1,TP2,TP3	HEADER MALE 0.1" SP 1X3 STRAIGHT	T.H.	MOLEX	22-28-5033
20	1	TP4,TP5	HEADER MALE 0.1" SP 1X2 STRAIGHT	T.H.	MOLEX	22-28-5026
21	1	TP28,TP32	HEADER MALE 0.1" SP 1X2 STRAIGHT	T.H.	MOLEX	22-28-5026
22	1	TP10,TP11,TP12,TP13,TP16,TP18,TP20,TP22 TP24,TP25	HEADER MALE 0.1" SP 1X10 STRAIGHT	T.H.	MOLEX	22-28-4103
23	3	TP38,TP39,TP40	TEST POINTS	T.H.	N/A	N/A
24	1	U1	IC REG POS 1.5A 5V PREC DPAK	TO252/D-PAK	STMicro	L7805CDT-TR
25	1	U2	IC MCU 68QFN PSOC3 OR PSOC5LP	QFN68	CYPRESS	PSOC3 or PSOC5LP
26	1	U3	IC TSSOP8 256K EEPROM	TSSOP8-0.65MM	ON Semi	CAT24C256YI-G
27	2		Shunts			

No Stuffing

Optional (Not included in the package, determined and installed by user)

U2, Cypress MCU (not included) ; For P/N # 710-0008-01, either PSOC3 or PSOC5LP with 68pins QFN device can be populated.