

uCurrent Rev 5 Parts List

ITEM #	Designator	Part Number	Manufacturer	Description	Supplier 1	Supplier 1 Part#	Qty
1	U1, U4	MAX4239AUT	Maxim	MAX4239AUT+T OPAMP SOT23-6	Digikey	MAX4239AUT+T-ND	2
2	U2	LMV321AS5X	TI	SOT23-5 Opamp	Digikey	296-9567-1-ND	1
3	U3	TPS3809L30DBVR	TI	Voltage Monitor 3.0V/2.7V, Active Low	Digikey	296-10917-2-ND	1
4	R1	Y14870R01000B9R	Vishay	Resistor 0.01ohm 0.1% 15ppm 2512 package	Digikey	Y14870R01000B9R	1
5	R5, R15	RG1608N-102-W-T1	Susumu	1K 0.05% 0603 10ppm	Digikey	RG16N1.0KWTR-ND	2
6	R3, R13	RG1608N-682-W-T1	Susumu	6K8 0.05% 0603 10ppm	Digikey	RG16N6.8KWTR-ND	2
7	R11, R14	RG1608N-222-W-T1	Susumu	2K2 0.05% 0603 10ppm	Digikey	RG16N2.2KWTR-ND	2
8	R2	RG1608N-103-W-T1	Susumu	10K 0.05% 0603 10ppm	Digikey	RG16N10.0KWTR-ND	1
9	R9	RNCF0805AKT10R0	Stackpole	10R 0.05% 0805 10ppm	Digikey	RNCF0805AKT10R0-ND	1
10	R6, R7		Any	100K 1% 0603	Digikey		2
11	R4, R8, R10, R12		Any	270R 1% 0603	Digikey		4
12	C1, C2		Any	100nF 0603 X7R Capacitor	Digikey		2
13	C3, C4		Any	10pF 0603 X7R capacitor	Digikey	1276-2154-2-nd	2
14	SW1, SW2	L203011MS02Q or L203011MS02QE	C&K	SW SLIDE DP3T 6VDC 4A PCB NO COMMON	Digikey	CKC5111-ND	2
15	BT1	1060K	Keystone	2032 Battery Holder SMD	Digikey	1060K-ND	1
16	D1	APTR3216SYCK	Kingbright	1206 Reverse Mount Orange LED	Digikey	754-1174-2-ND	1
17		UB5	Altronics	UB5 Jiffy Box	Altronics	H0205	1
19				Black Binding Post 12mm Gold on Copper	99cent Hobbies	16-010 (306-H)	2
20				Red Binding Post 12mm Gold on Copper	99cent Hobbies	16-010 (306-H)	2