

Item	QTY	Reference	Part Discriptions	Footprint	MFR(or equivalent	MFR P/N(or equivalent)
1	2	J8,J9	CONN HEADER .100 SINGL STR 19POS	T.H.	SULLINS	PBC19SAAN
2	1	J7	CONN HEADER .100 SINGL STR 2POS	T.H.	SULLINS	PBC02SAAN
3	2	J5,J10	CONN HEADER .100 SINGL STR 3POS	T.H.	SULLINS	PBC03SAAN
4	1	JP1	CONN HEADER 14POS .100 VERT	T.H.	TE Connectivity	1-1634688-4
5	1	C3	CAP CER 1000PF 50V 20% X7R 0805	0805	TDK	C2012X7R1H102M
6	1	C4	CAP CER 1UF 35V 10% X7R 0805	0805	Taiyo Yuden	GMK212B7105KG-T
7	1	C5	CAP CER 10UF 6.3V 10% X5R 0805	0805	Taiyo Yuden	JMK212BJ106KD-T
8	1	C6	CAP CER 0.47UF 16V 10% X7R 0805	0805	Taiyo Yuden	EMK212B7474KD-T
9	3	C7,C8,C9	CAP CER 0.1UF 25V 10% X7R 0805	0805	KEMET	C0805C104K3RACTU
10	1	R1	RES 47K OHM 1/8W 5% 0805	0805	Stackpole	RMCF0805JT47K0
11	1	R2	RES .10 OHM 1/8W 5% 0805	0805	CTS	73L3R10J
12	1	R5	RES 0.0 OHM 1/8W 0805	0805	Stackpole	RMCF0805ZTOR00
13	1	R6	RES 330 OHM 1/8W 5% 0805	0805	Stackpole	RMCF0805JT330R
14	1	J1	CONN POWER JACK 2.1MM	T.H.	CUI	PJ-202A
15	1	D1	LED CHIPLD 633NM RED 0805	0805	OSRAM	LS R976-NR-1
16	1	U2	IC REG LDO 3.3V .1A 8SOIC	SOIC-8	TI	LP2951-33DR
17	1	U1	IC MCU 16BIT 32KB FLASH 38TSSOP	TSSOP-38	TI	SP430F5172IDAR
19	1	S1	Switch actile 3.5x6mm 320gf	T.H.	Mountain Switch	101-TS4311T3202-EV
20	3	N/A	Shunt 0.1" spacing	N/A	ADAM TECH	MSB-G