

Batch Size: 3

Qty	Designator	Value	Manufacturer	Manufacturer's Part #	Package	Digikey #	Price Each	Price Per Board	Cost/batch
SURFACE MOUNT COMPONENTS									
2	C1, C3	1uF	Samsung	CL21B105KBFNNNE	C0805	CL21B105KBFNNNE	\$ 0.0224	\$ 0.045	\$ 0.1344
1	C2	.1uF	Samsung	CL21B104KBFNNNE	C0805	CL21B104KBFNNNE	\$ 0.0241	\$ 0.024	\$ 0.0724
1	D1	S3G	MDD	S3G	SMC	S1G-E3/5AT	\$ 0.0475	\$ 0.048	\$ 0.1425
4	LED1, LED2, LED3, LED4	LED Red	Kingbright	APA2106SRCPRV	LED_0805	APA2106SRCPRV	\$ 0.0248	\$ 0.099	\$ 0.2974
1	LED5	LED Green R/A	Kingbright	APA2106MGC	LED_0805	APA2106MGC	\$ 0.0383	\$ 0.038	\$ 0.1148
1	Q1	MOSFET N CH	Diodes Inc.	DMN3033LSN-7	SOT23	DMN3033LSN-7	\$ 0.1440	\$ 0.144	\$ 0.4321
1	R1	5K6 Resistor	Yaego	RT0805FRE075K6L	R0805	RT0805FRE075K6L	\$ 0.0041	\$ 0.004	\$ 0.0122
2	R2, R9	10K Resistor	Yaego	RT0805FRE0710KL	R0805	RT0805FRE0710KL	\$ 0.0037	\$ 0.007	\$ 0.0220
1	R3	4.7K Resistor	Yaego	RT0805FRE074K7L	R0805	RT0805FRE074K7L	\$ 0.0047	\$ 0.005	\$ 0.0140
4	R4, R5, R6, R7	330 Resistor	Yaego	RT0805FRE07330RL	R0805	RT0805FRE07330RL	\$ 0.0034	\$ 0.014	\$ 0.0408
1	R8	75R Resistor	Yaego	RT0805FRE0775RL	R0805	RT0805FRE0775RL	\$ 0.0047	\$ 0.005	\$ 0.0140
1	R10	1K1 Resistor	Yaego	RT0805FRE071K1L	R0805	RT0805FRE071K1L	\$ 0.0045	\$ 0.005	\$ 0.0135
1	U1	5V Reg	Diodes Inc.	AP7380-50W5-7	SOT25	MIC5225-5.0YM5-TR	\$ 0.0549	\$ 0.055	\$ 0.1646
1	U2	ATTINY Microcontroller	Atmel	ATTINY204-SSNR	SOIC-14	ATTINY204-SSNRCT-ND	\$ 0.4600	\$ 0.460	\$ 1.3800
THRU HOLE COMPONENTS									
2	H1, H4	2.1 x 5.5mm DC Jack	CUI	PJ-066A		CP-066A-ND	\$ 1.9368	\$ 3.874	\$ 11.6208
1	LP1	Quad Lightpipe	DIALIGHT	5151020F		350-2166-ND	\$ 1.5460	\$ 1.546	\$ 4.6380
1	POT1	Pot w/switch	TT Electronics	P091S-FC20BR10K		987-1283-ND	\$ 1.2960	\$ 1.296	\$ 3.8880
NO POPS									
1	H3	DO NOT POPULATE	Expansion Port						
1	JP1	DO NOT POPULATE	Fan header option						
1	UPDI	DO NOT POPULATE	UPDI Programming Port						
Digikey Component Cost							\$	7.176	\$ 21.527