

Manufacturer	Part	Description	Ref Desgs	Qty	Use	Budgetary Cost	Budgetary Cost Ext	Bought From
PCB + Mechanical								
PCB				1		\$0.00	\$0.00	
							\$0.00	
Actives							\$0.00	
National	LM3404HVMA	LED Driver		2		\$2.26	\$4.52	
National	LM5009MM/NOPB	Buck Converter		1		\$3.72	\$3.72	
Atmel	ATMEGA88PA-AU	Microcontroller		1		\$2.50	\$2.50	
TI	SN65HVD12DG4	RS485 Driver		1		\$2.10	\$2.10	
Abracon	ABLS-8.000MHZ-B2-T	CRYSTAL 8.000MHZ 18PF SMD		1		\$0.56	\$0.56	
							\$0.00	
Passives							\$0.00	
Kemet	C1206C104K5RACTU	CAP 0.1UF 50VDC X7R 10% SMD 1206		3		\$0.03	\$0.10	
Kemet	C1206C103K5RACTU	CAP 0.01UF 50VDC X7R 10% SMD 1206		2		\$0.04	\$0.07	
Taiyo-Yuden	HMK316B7105KL-T	CAP CER 1UF 100V X7R 1206		4		\$0.31	\$1.24	
TDK	C3216X7R2A224K	CAP CER .22UF 100V X7R 10% 1206		2		\$0.18	\$0.36	
Diodes Inc	B1100-13-F	DIODE SCHOTTKY 100V 1A SMA		3		\$0.34	\$1.02	
Yageo	PT1206FR-070R22L	RES 0.22 OHM 0.25W 1% 1206 SMD		2		\$0.13	\$0.25	
Taiyo-Yuden	HMK212B7104KG-T	CAP CER .10UF 100V X7R 0805		1		\$0.26	\$0.26	
StackPole	RMCF0603FT3K09	RES 3.09K OHM 1/10W 1% 0603 SMD		1		\$0.04	\$0.04	
Panasonic	ERJ-3EKF1103V	RES 110K OHM 1/10W 1% 0603 SMD		1		\$0.04	\$0.04	
Panasonic		RES 10K OHM 1/10W 1% 0603 SMD		1		\$0.04	\$0.04	
Panasonic	ERJ-3EKF1823V	RES 182K OHM 1/10W 1% 0603 SMD		1		\$0.04	\$0.04	
AVX	TAJD156K025RNJ	CAP TANTALUM 15UF 25V 10% SMD		1		\$0.74	\$0.74	
Yageo	RC0603JR-073RL	RES 3.0 OHM 1/10W 5% 0603 SMD		1		\$0.04	\$0.04	
Coilcraft	DO5040H-334KLB	DO5040H Series High Current		2		\$1.50	\$3.00	
Coilcraft	MSS1246-105KLB	MSS1246-105KLB		1		\$1.04	\$1.04	
							\$0.00	
Connectors							\$0.00	
Tyco	284512-2	TERM BLOCK HEADER 2POS R/A 3.5MM		3		\$0.39	\$1.17	DigiKey
Tyco	284506-2	TERM BLOCK PLUG 2POS 3.5MM		3		\$0.77	\$2.31	DigiKey
							\$0.00	
							\$25.17	
						Price per LED (24LEDs)	\$1.04875	