

Category	Designator	Description	Case/Package	Footprint	Quantity	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1	Supplier Currency 1	Supplier Unit Price 1	Supplier Subtotal 1
Capacitors	C1	Multilayer Ceramic Capacitors MLCC - SMD/SMT 25volts 0.1uF X7R 20%	0603	CAP-0603	1	KEMET	C0603C104M3RACTU	Digi-Key	399-1283-6-ND	USD	0.1	0.1
Connectors	J1	D-Sub Standard Connectors DSUB SV ML SSDP ANG73-254 09P AU3		DB9	1	HARTING Technology	09661227801	Digi-Key	1195-4989-ND	USD	4.15	4.15
Diodes	D1, D2	DIALIGHT - 5988070107F - LED, Green, SMD, 0603, 20 mA, 2 V, 570 nm, DIALIGHT 5988020107F LED, RED ORANGE, 150MCD, 630NM	0603	LED-0603	2	Dialight, Molex Waldom	598-8070-107F, 598-8020-107F	Digi-Key	350-2035-6-ND, 350-2030-6-ND	USD	0.42	0.84
Diodes	D3	DIODE ZENER 10V 350MW SOD523	SOD-523-2	ZENER-SOD523	1	Diodes	BZT585B10T-7	Digi-Key	BZT585B10T-7DIDKR-ND	USD	0.22	0.22
Resistors	R1, R2, R3, R4, R5	RES SMD 3.01K OHM 1% 1/4W 0805, RES SMD 750 OHM 1% 1/4W 0805, RES SMD 33.2K OHM 1% 1/4W 0805	0805	RES-0805	5	Stackpole Electronics	RNCP0805FTD3K01, RNCP0805FTD750R, RNCP0805FTD33K2	Digi-Key	RNCP0805FTD3K01DKR-ND, RNCP0805FTD750RDKR-ND, RNCP0805FTD33K2DKR-ND	USD	0.1	0.5
Transistors	Q1	Trans MOSFET N-CH 60V 0.115A 3-Pin SOT-23 T/R	SOT-23-3	NMOS-SOT23	1	ON Semiconductor	2N7002LT1G	Digi-Key	2N7002LT1GOSDKR-ND	USD	0.18	0.18
Transistors	Q2, Q4	MMBT2907AL Series 60 V 600 mA SMT PNP General Purpose Transistor - SOT-23	SOT-23-3	BJT-SOT23	2	ON Semiconductor	MMBT2907ALT1G	Digi-Key	MMBT2907ALT1GOSCT-ND	USD	0.15	0.3
Transistors	Q3	MOSFET P-CH 60V 185MA SOT23-3	TO-236	PMOS-SOT23	1	Vishay	TP0610K-T1-E3	Digi-Key	TP0610K-T1-E3DKR-ND	USD	0.39	0.39