

Qty	Parts	Footprint	Manufacturer	Part Number	Description
4	C1, C2, C6, C7	1206	KEMET	C1206C106K8RAC	CAPACITOR MULTI/CERAMIC SMD-1206 10UF 10% 10V X7R
1	C3	1210	TAIYO YUDEN	EMK325BJ476MM-T	CAPACITOR MULTI/CERAMIC SMD-1210 47UF 20% 16V X5R
5	C4, C5, C8, C9, C10	0805	KEMET	C0805C104K3RAC-TU	CAPACITOR MULTI/CERAMIC SMD-0805 100NF 10% 25V X7R
1	D1	SOT-23	MULTICOMP	BAT54C	SCHOTTKY DIODE SOT-23 30V 200mA
1	D2	SOD-123	ON SEMI	MMSZ5235BT1G	ZENER DIODE SOD-123 6.8V 500mW
1	IC1	SOIC-28W	MAXIM	MAX3535ECWI	RS485 TRANSCEIVER SOIC-26W/16
1	IC2	SOT-23	MAXIM	MAX4514EUK+T	ANALOG SWITCH SPST CMOS SOT-23 2-12V
1	IC3	SOT-23	TEXAS INSTRUMENTS	SN74AHC1G86DBV	XOR GATE SOT-23 SINGLE 2-INPUT 5.5V
1	IC4	SOT-23	TEXAS INSTRUMENTS	SN74AHC1G00DBV	NAND GATE IC SINGLE 2-INPUT SOT-23 5.5V
1	J1	8PTH	TYCO/AMP	7-215079-8	MICROMATCH SOCKET TOP ENTRY 8WAY 1.27P
1	J2	4PTH	SWITCHCRAFT	EN3P4MP	CONNECTOR 4PIN PANEL PCB MOUNT MALE
1	J3	4PTH	SWITCHCRAFT	EN3P4FP	CONNECTOR 4PIN PANEL PCB MOUNT FEMALE
1	J4	4PTH	ANY		PIN HEADER 4 X 1 2.54MM P
1	JP2	2PTH	ANY		PIN HEADER 2 X 1 2.54MM P
1	LED1	0805-LED	DIALIGHT COPORATION	5988191102F	LED SMD 0805 80uCD FV=2.2V RED
1	LED2	0805-LED	DIALIGHT CORPORATION	5988191102F	LED SMD 0805 160uCD FV=3.2V BLUE
1	OK1	SMD-4	NEC	PS2581AL2	OPTOCOUPLER PHOTOTRANSISTOR 4PIN SMD
2	Q1, Q2	SOT-23	ON SEMI	BSS138LT1	MOSFET N-CHANNEL SOT-23 50V 200mA VGS=1.5V
3	R1, R6, R15	0805	MULTICOMP	MC 0.1W 0805 1% 10K	RESISTOR THICK FILM 100mW SMD-0805 1% 10K
1	R10	0805	MULTICOMP	MC 0.1W 0805 1% 560R	RESISTOR THICK FILM 100mW SMD-0805 1% 560R
2	R12, R13	0805	MULTICOMP	MC 0.1W 0805 1% 200R	RESISTOR THICK FILM 100mW SMD-0805 1% 200R
1	R2	2512	PANASONIC - ECG	ERJ-1TNF1200U	RESISTOR THICK FILM 1000mW SMD-2512 1% 120R
2	R3, R7	0805	MULTICOMP	MC 0.1W 0805 1% 100R	RESISTOR THICK FILM 100mW SMD-0805 1% 100R
2	R4, R5	2512	PHYCOMP (YAGEO)	232276361001	RESISTOR THICK FILM 1000mW SMD-2512 1% 100R
3	R8, R11, R16	0805	MULTICOMP	MC 0.1W 0805 1% 6K8	RESISTOR THICK FILM 100mW SMD-0805 1% 6K8
2	R9, R14	1210	MULTICOMP	MC1210S3F100JT5E	RESISTOR THICK FILM 330mW SMD-1210 1% 10R
1	TR1	SMD-6	MURATA	78253/55MC	TRANSFORMER CONVERTER 1:1.31 1.5KV 5V-5V