

Schematic Ref	Count	Value	Description	Mfg	Part	Vendor	SKU
R1, R2	2	2K2	1% 1/4W Metal Film Resistor	Yageo	MFR-25FTE52-2K2	Mouser	603-MFR-25FTE52-2K2
R3, R4	2	330	1% 1/4W Metal Film Resistor	Yageo	MFR-25FRF52-330R	Mouser	603-MFR-25FRF52-330R
R5, R6	2	560	1% 1/4W Metal Film Resistor	Yageo	MFR-25FBF52-560R	Mouser	603-MFR-25FBF52-560R
R7, R9	2	100	1% 1/4W Metal Film Resistor	Yageo	MFR-25FBF52-100R	Mouser	603-MFR-25FBF52-100R
R9, R10	2	200	1% 1/4W Metal Film Resistor	Yageo	MFR-25FBF52-200R	Mouser	603-MFR-25FBF52-200R
R12, R14	2	10K	1% 1/4W Metal Film Resistor	Yageo	MFR-25FBF52-10K	Mouser	603-MFR-25FBF52-10K
R15, R16	2	22	1% 1/4W Metal Film Resistor	Yageo	MFR-25FTE52-22R	Mouser	603-MFR-25FTE52-22R
R11, R13	2	5K	Multi turn Trimmer Resistor	Bourns	3296W-1-502RLF	Mouser	652-3296W-1-502RLF
C11,C12,C13,C14	4		100n Film Capacitor	Kemet	R82DC3100AA50J	Mouser	80-R82DC3100AA50J
C8,C10	2		1000uF @50V 20mm dia x 10 leads	Nichicon	UPS1H102MHD	Mouser	647-UPS1H102MHD
C9,C10	2		330uF @25V 6mm dia x 2.5 leads	Kemet	EEU-FR1H331L	Mouser	667-EEU-FR1H331L
C14, C15,C16,C17	4	47n	Ceramic Capacitor 50V	Xicon	140-50U5-473M-RC	Mouser	140-50U5-473M-RC
D3,D4,D5,D6	4		MBR1045 Diode	Vishay Semiconductor	MBR1045-E3/45	Mouser	625-MBR1045-E3
HS1, HS2	2		TO-220 Heatsink	Aavid Thermalloy	513002B02500G	DigiKey	HS403-ND
	2		TO-220 Thermal Pad	Wakefield	173-7-240A	DigiKey	345-1079-ND
	2		Shoulder Washers	Keystone Electronics	3049	Mouser	534-3049
	2		.375" 4-40 Phillips Button Hd Screw	Keystone Electronics	9901	Mouser	534-9901
	2		4-40 Nut	Keystone Electronics	7235-3	Mouser	534-7235-3
	2		Spade Connector	Keystone Electronics	1287-ST	Mouser	534-1287-ST
	1		Fuse Block	Keystone Electronics	3527	Mouser	534-3527
	1		Fuse Block Cover	Keystone Electronics	3527C	Mouser	534-3527C
	1		Fuse 100ma				
	1		3 Position 5.0mm Connector	Molex	39543-0003	Mouser	538-39543-0003
	1		Dual Transformer 18V 15VA	AMGIS	L01-6354	DigiKey	TE2254-ND
Q1	1		BC550 Transistor	Fairchild Semiconductor	BC550CTA	DigiKey	BC550CTACT-ND
Q2	1		BC560 Transistor	Fairchild Semiconductor	BC560CTA	DigiKey	BC560CTACT-ND

Q3	1	BD139	Fairchild	BD13910S	Mouser	512-BD13910S
Q4	1	BD140	Fairchild	BD14010STU	Mouser	512-BD14010STU
IC1, IC2	2	NE5534AN	Texas Instruments	NE5534AP	Mouser	595-NE5534AP
VR1, VR2	2	TL431CLP	Texas Instruments	TL431CLP	Mouser	595-TL431CLP