

Through-hole version BOM

Parts	Value	Qty	Device	Mfg	Mfg P/N	Mouser P/N	Alternatives
C1, C2	1500u	2	CAPACITOR_POL_R16	Panasonic	EEU-FC1H152L	667-EEU-FC1H152L	Snap-in D=22mm 4700uF 50V or leaded radial D=10mm 100uF 50V
C3, C4, CZ	100n	3	CAPACITOR_FILM_LS_7.2	Kemet	PHE426DJ6100JR05	80-PHE426DJ6100JR05	PP radial 100nF 63V with LS=5mm; C3, C4 are optional and can only be mounted with small (D=10mm) C1, C2
CM	100u	1	CAPACITOR_POL_R6.3	Panasonic	ECA-1VHG101	667-ECA-1VHG101	Lytic radial D=6.3mm 100uF 35V
R1, R3	1k	2	RESISTOR50	Vishay	SFR16S0001001FR500	594-SFR16S0001001FR5	Compact (0204mm) axial metal film 1kOhm 1%, e.g. Vishay CMF50, or Caddock MK132
R2, RF	20k	2	RESISTOR50	Vishay	SFR16S0002002FR500	594-SFR16S0002212FR5	Compact (0204mm) axial metal film 20kOhm 1%, e.g. Vishay CMF50, or Caddock MK132
RM	22k	1	RESISTOR50	Vishay	SFR16S0002212FR500	594-SFR16S0002212FR5	Compact (0204mm) axial metal film 22kOhm 1%, e.g. Vishay CMF50, or Caddock MK132
CF, CI	22u	2	CAPACITOR_BP_R6.3	Panasonic	ECE-A1VN220U	667-ECE-A1VN220U	Lytic bi-polar radial D=6.3mm 22uF 35V
RZ	3.3R	1	RESISTOR_1W	KOA Speer	MOSX1CT52R3R3J	660-MOSX1CT52R3R3J	Compact (0306mm) axial 3.3ohm 1W
R4	47k	1	RESISTOR50	Vishay	SFR16S0004752FR500	594-SFR16S0004752FR5	Compact (0204mm) axial metal film 47kOhm 1%, e.g. Vishay CMF50, or Caddock MK132
U1	LM3886TF	1	LM3886TF	TI	LM3886TF	926-LM3886TF	LM3886T (non-isolated)