

SMT version BOM

Parts	Value	Qty	Device	Mfg	Mfg P/N	Mouser P/N	Alternatives
C5, C6	1500u	2	CAPACITOR_POL_R16	Panasonic	EEU-FC1H152L	667-EEU-FC1H152L	Snap-in D=22mm 4700uF 50V or leaded radial D=10mm 100uF 50V
C7, C8, CZ	100n	3	CAPACITOR_FILM_LS5_7.2	Kemet	PHE426DJ6100JR05	80-PHE426DJ6100JR05	PP radial 100nF 63V with LS=5mm; C7, C8 are optional and can only be mounted with small (D=10mm) C5, C6
CM	100u	1	CAPACITOR_POL_R6.3	Panasonic	ECA-1VHG101	667-ECA-1VHG101	Lytic radial D=6.3mm 100uF 35V
R3, R4	1k	2	RESISTOR0805	Susumu	RR1220P-102-D	754-RR1220P-102D	Thin film 0805 1k 1%
R7, R8	20k	2	RESISTOR0805	Susumu	RR1220P-203-D	754-RR1220P-203D	Thin film 0805 20k 1%
CC	220p	1	CAPACITOR0805	Vishay	VJ0805A221JXAPW1BC	77-VJ0805A221JXAPBC	Optional; COG 0805 220pF
R5, R6, RM	22k	3	RESISTOR0805	Susumu	RR1220P-2212-D-M	754-RR1220P-2212D-M	Optional; Thin film 0805 22k 1%
C1, C2	22u	2	CAPACITOR_BP_R6.3	Panasonic	ECE-A1VN220U	667-ECE-A1VN220U	Lytic bi-polar radial D=6.3mm 22uF 35V
RZ	3.16R	1	RESISTOR_1W	KOA Speer	MOSX1CT52R3R3J	660-MOSX1CT52R3R3J	Compact (0306mm) axial 3.3ohm 1W
R1, R2	47k	2	RESISTOR0805	Susumu	RR1220P-473-D	754-RR1220P-473D	Thin film 0805 47k 1%
C3, C4	47p	2	CAPACITOR0805	AVX	08055U470FAT2A	581-08055U470FAT2A	Optional; COG 0805 47pF
U1	LM3886TF	1	LM3886TF	TI	LM3886TF	926-LM3886TF	LM3886T (non-isolated)