

BOM_A8697 EVM

Designator	Quantity	Description	Manufacturer	Footprint	Part Number
C1.1	0	Ceramic chip, 22uF, 25V, +/-20%, X5R.	Panasonic	1210	ECJ4YB1E226M
C1.2, C1.3	2	Aluminum electrolytic capacitor, 25V/47uF	Rubycon	8mm X 12mm	EEVFC1H470P
C2	1	Ceramic capacitor, X7R, +/-10%, 0.1uF/50V	Murata	603	GRM188R71H104KA93D
C3	1	Ceramic capacitor, X7R, +/-10%, 0.01uF/50V	Kemet	603	C0603C103K5RACTU
C4.2	0	Special polymer cap, 120uF/6.3V, 15mohm,	Panasonic	7.3X4.3X3.1mm	EEFUD0J121R
C4.1	0	Ceramic capacitor, 47uF/ 6.3V, +/-20%, X5R	Panasonic	1210	ECJ4YB0J476M
C4.3	1	Aluminum electrolytic capacitor, 35V/150uF, 56mohm	Panasonic	8mm X 10.2mm	EEUFM1V151
L1	1	Inductor, 3.8uH, 13mohm, 6A, +/-20%	Sumida	10.3 X 10.5 X 4mm	CDRH104R-3R8
D1	1	Schottky diode, 20V/3.0A	ON Semi	SMC	MBRS320T3G
R1	1	Chip resistor, 1/10W, 1%	Std	603	Std
		2 kΩ at VOUT = 1.06 V	Std	603	Std
		2.55 kΩ at VOUT = 1.8 V			
		6.34 kΩ at VOUT = 3.3 V			
		10.5 kΩ at VOUT = 5.0 V			
R2	1	Chip resistor, 1/10W, 1%	Std	603	Std
		6.19 kΩ at VOUT = 1.06 V	Std	603	Std
		2 kΩ at VOUT = 1.8, 3.3, or 5.0 V			
R3	1	Chip resistor, 51.1K, 1/10W, 1%	Std	603	Std
R4	1	Chip resistor, 10K, 1/10W, 1%	Std	603	Std
R5	1	Chip resistor, 0 ohm, 1/10W, 5%	Std	603	Std
J1, J2, J3, J4	4	Header, 2-pin, 100 mil spacing	Sullins	0.100 X 2	PTC36SAAN
P1	1	Test point, Red, 1mm	Farnell	0.038"	240-345
P2	1	Test point, Black, 1mm	Farnell	0.038"	240-333
U1	1	Wide Input Voltage Step Down Regulator	Allegro	ESOIC8	A8498