

Powering the DM335 and DM355 with the TPS650061 BOM

PR2047

COUNT	RefDes	Value	Description	Size	Part Number	MFR
4	C1, C6, C8, C9	10uF	Capacitor, Ceramic, 10V, X5R, 10%	0805	Std	Std
2	C2, C3	2.2uF	Capacitor, Ceramic, 10V, X5R, 10%	0603	Std	Std
1	C4	0.1uF	Capacitor, Ceramic, 16V, X7R, 10%	0603	Std	Std
1	C7	22pF	Capacitor, Ceramic, 50V, C0G, 5%	0603	Std	Std
1	L1	2.2uH	Inductor, SMT, 2.0A, 110milliohm	0.118 x 0.118 inch	LPS3015-222ML	Coilcraft
2	Q1, Q2	2N2222	Transistor, NPN, 40V	SOT-23	2N2222	Std
2	R2, R9	47.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
3	R3, R5, R7	475k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R4	232K	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R6	402k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	R8	100k	Resistor, Chip, 1/16W, 1%	0603	Std	Std
1	U1	TPS650061RUK	IC, 2.25 MHz Step Down Converter with Dual LDOs and SVS	QFN	TPS650061RUK	TI

- Notes:
1. These assemblies are ESD sensitive, ESD precautions shall be observed.
 2. These assemblies must be clean and free from flux and all contaminants.
Use of no clean flux is not acceptable.
 3. These assemblies must comply with workmanship standards IPC-A-610 Class 2.
 4. Ref designators marked with an asterisk (***) cannot be substituted.
All other components can be substituted with equivalent MFG's components.

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