Powering the AM1705 and AM1707 with the TPS650061

PR1061 BOM

COUNT	RefDes	Value	Description	Size	Part Number	MFR	AREA
4	C1, C6, C8, C9	10uF	Capacitor, Ceramic, 10V, X5R, 10%,	0805	Std	Std	10560
2	C2, C3	2.2uF	Capacitor, Ceramic, 10V, X5R, 10%	0603	Std	Std	5650
1	C4	0.1uF	Capacitor, Ceramic, 16V, X7R, 10%	0603	Std	Std	5650
1	C5	Open	Capacitor, Ceramic, 16V, X7R, 10%	0603	Std	Std	5650
1	C7	22pF	Capacitor, Ceramic, 50V, C0G, 5%	0603	Std	Std	5650
1	L1	2.2uH	Inductor, SMT, 2.0A, 110milliohm	0.118 x 0.118 ir	LPS3015-222ML	Coilcraft	26,560
1	R2	47.5k	Resistor, Chip, 1/16W, 1%	0603	Std	Std	9100
3	R3, R5, R6	475k	Resistor, Chip, 1/16W, 1%	0603	Std	Std	9100
1	R4	255K	Resistor, Chip, 1/16W, 1%	0603	Std	Std	9100
1	U1	TPS650061RUK	IC, 2.25 MHz Step Down Converter with Dual LDOs and SVS	QFN	TPS650061RUK	TI	32400

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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