

COUNT	RefDes	Description	SIZE	MFR	Part Number
2	C1, C19	Open	603		
2	C15, C22	Capacitor, Ceramic, 0.1-uF, 25-V, X7R	603	muRata	GRM188R71E104KA01
	C2, C7, C9, C10,				
6	C11, C13	Capacitor, Ceramic, 0.01-uF, 50-V, X7R	603	muRata	GRM188R71E103KA01
4	C3, C6, C12, C14	Capacitor, Ceramic, 2.2-uF, 35-V, X5R	1210	Taiyo Yuden	GMK325 BJ225MN-T
2	C4, C16	Capacitor, Ceramic, 100-pF, 50-V, C0G	603	muRata	GRM1885C1H101JA01
4	C5, C17, C18, C47	Capacitor, Ceramic, 1-uF, 16-V, X7R	805	muRata	GRM21BR71C105KA01
2	C7*, C8*	Capacitor, Aluminum, 330-uF, 6.3-V, 20%	0.268 x 0.307	Nichicon	UUD0J331MCR
1	C8	Capacitor, Ceramic, 62-pF, 50-V, C0G	603	muRata	GRM1885C1H620JZ01
2	CB1*, CB2*	Capacitor, Ceramic, 1000-pF, 50-V, X7R	805	muRata	GRM216R71H102KA01
2	CB5*, CB6*	Capacitor, Ceramic, 2.2-uF, 35-V, X5R	1210	Taiyo Yuden	GMK325 BJ225MN-T
4	D1, D2, D4, D5	Diode, Schottky, 0.5-A, 30-V	SOD123	On Semi	MBR0530T1
3	J1, J2, J5	Terminal Block, 2-pin, 15-A, 5.1mm	0.40 x 0.35"	OST	ED1609
2	J3, J4	Header, 3-pin, 100mil spacing, (36-pin strip)	0.100 x 3"	Sullins	PTC36SAAN
2	L1, L2	Inductor, SMT, 12-uH, 4.9-A, 24.3-milliohm	0.472 sq	GCI	SCDS127-120M-S
4	Q1, Q2, Q4, Q5	MOSFET, N-ch, 30-V, 11-A, 10-milliohm	SO8	IR	IRF7811W
2	R1, R17	Open	603		
2	R10, R11	Resistor, Chip, 4.99k-Ohms, 1/16-W, 1%	603	Std	Std
1	R13	Resistor, Chip, 2.49k-Ohms, 1/16-W, 1%	603	Std	Std
1	R16	Resistor, Chip, 15.4k-Ohms, 1/16-W, 1%	603	Std	Std
2	R2, R15	Resistor, Chip, 100-Ohms, 1/16-W, 1%	603	Std	Std
1	R3	Resistor, Chip, 57.6k-Ohms, 1/16-W, 1%	603	Std	Std
2	R5, R18	Resistor, Chip, 20k-Ohms, 1/16-W, 1%	603	Std	Std
	R6	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	603	Std	Std
2	R7, R12	Resistor, Chip, 1-Ohms, 1/10-W, 5%	805	Std	Std
2	RB1*, RB2*	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	603	Std	Std
2	RB3*, RB4*	Resistor, Chip, 10-Ohms, 1/10-W, 5%	805	Std	Std
1	U1	IC, Dual Adjustable Controller for Notebooks	TSSOP30	TI	TPS5120DBT

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