

<u>Qty</u>	<u>RefDes</u>	<u>Part Number</u>	<u>Value</u>	<u>Description</u>	<u>MFR</u>	<u>Size</u>
8	C1	GRM39X7R104K016A	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%	muRata	603
	C5	GRM39X7R104K016A	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%	muRata	603
	C6	GRM39X7R104K016A	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%	muRata	603
	C8	GRM39X7R104K016A	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%	muRata	603
	C11	GRM39X7R104K016A	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%	muRata	603
	C16	GRM39X7R104K016A	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%	muRata	603
	C17	GRM39X7R104K016A	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%	muRata	603
	C20	GRM39X7R104K016A	0.1uF	Capacitor, Ceramic, 0.1uF, 16V, X7R, 10%	muRata	603
1	C3	GRM39COG6R8D050A	6.8pF	Capacitor, Ceramic, 6.8pF, 50V, COG, +/-0.5pF	muRata	603
2	C12	GRM39GOG220J050A	22pF	Capacitor, Ceramic, 22pF, 50V, COG, 5%	muRata	603
	C18	GRM39GOG220J050A	22pF	Capacitor, Ceramic, 22pF, 50V, COG, 5%	muRata	603
1	C13	GRM39X7R1002K050A	1000pF	Capacitor, Ceramic, 1000pF, 50V, X7R, 10%	muRata	603
3	C4	AMK212BJ106MG	10uF	Capacitor, Ceramic, 10uF, 4V, X5R, 20%	Taiyo-Yuden	805
	C9	AMK212BJ106MG	10uF	Capacitor, Ceramic, 10uF, 4V, X5R, 20%	Taiyo-Yuden	805
	C21	AMK212BJ106MG	10uF	Capacitor, Ceramic, 10uF, 4V, X5R, 20%	Taiyo-Yuden	805
2	C2	JMK316BJ106KL	10uF	Capacitor, Ceramic, 10uF, 6.3V, X5R, 10%	Taiyo-Yuden	1206
	C7	JMK316BJ106KL	10uF	Capacitor, Ceramic, 10uF, 6.3V, X5R, 10%	Taiyo-Yuden	1206
2	C14	EMK325BJ106MN	10uF	Capacitor, Ceramic, 10uF, 16V, X5R, 20%	Taiyo-Yuden	1210
	C15	EMK325BJ106MN	10uF	Capacitor, Ceramic, 10uF, 16V, X5R, 20%	Taiyo-Yuden	1210
1	C10	JMK325BJ226MM	22uF	Capacitor, Ceramic, 22uF, 6.3V, X5R, 20%	Taiyo-Yuden	1210
1	L2	LQH43CN100K01	10uH	Inductor, SMT, 10uH, 650mA	muRata	4.5x3.2mm
1	L3	CDRH5D18-5R4	5.4uH	Inductor, SM Toroid, 5.4uH, 1.6A	Sumida	5.7x5.7mm
2	L1	LQH43CN100K01	10uH	Inductor, SMT, 10uH, 650mA	muRata	4.5x3.2mm
	L4	LQH43CN100K01	10uH	Inductor, SMT, 10uH, 650mA	muRata	4.5x3.2mm
2	R3	Std	1K	Resistor, Chip, 1.00K Ohms, 1/16W, 1%	Std	603
	R7	Std	1K	Resistor, Chip, 1.00K Ohms, 1/16W, 1%	Std	603
1	R13	Std	1.5K	Resistor, Chip, 1.50K Ohms, 1/16W, 1%	Std	603
1	R8	Std	20K	Resistor, Chip, 20.0K Ohms, 1/16W, 1%	Std	603
1	R11	Std	28.0K	Resistor, Chip, 28.0K Ohms, 1/16W, 1%	Std	603
3	R5	Std	100K	Resistor, Chip, 100K Ohms, 1/16W, 1%	Std	603
	R6	Std	100K	Resistor, Chip, 100K Ohms, 1/16W, 1%	Std	603
	R10	Std	100K	Resistor, Chip, 100K Ohms, 1/16W, 1%	Std	603
1	R4	Std	115K	Resistor, Chip, 115K Ohms, 1/16W, 1%	Std	603
1	R9	Std	154K	Resistor, Chip, 154K Ohms, 1/16W, 1%	Std	603
1	R2	Std	732K	Resistor, Chip, 732K Ohms, 1/16W, 1%	Std	603

1	R12	Std	0.03	Resistor, Chip, 0.030 Ohms, 1/8W, 1%	Std	1206
1	R1	Std	0.2	Resistor, Chip, 0.2 Ohms, 1/8W, 1%	Std	1206
2	D1	MBR0520		Diode, Schottky, 500mA, 20V	On Semi	SOD-123
1	Q3	IRF5851		MOSFET, N-ch/P-ch, 20V, 90milliohms/135milliohms	IR	TSOP-6
1	Q2	Si2302DS		MOSFET, N-ch, 20V, 2.4A, 115milliOhms	Vishay/Siliconix	SOT-23
1	Q1	FZT788B		Transistor, Bipolar, PNP, 15V, 3A	Zetex	SOT-223
1	U4	UCC39421PW		IC, Multimode, Hi-Frequency PWM Controller	TI	TSSOP-16
1	U1	TPS62000DGS		IC, High-Efficiency Step-Down Converter, Adj.	TI	MSOP-10
1	U5	TPS62006DGS		IC, High-Efficiency Step-Down Converter, 2.5V	TI	MSOP-10
1	U3	TPS62004DGS		IC, High-Efficiency Step-Down Converter, 1.5V	TI	MSOP-10
1	U2	BQ2057DGK		IC, Charge Management, One or Two Cell Li-Ion or Li-	TI	MSOP-8
1	J1	PTC36SAAN		Header, 2 Pin, 0.1 inch spacing	Sullins	
1	J2	PTC36SAAN		Header, 4 Pin, 0.1 inch spacing	Sullins	
1	J3	PTC36SAAN		Header, 8 Pin, 0.1 inch spacing	Sullins	

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