

Count	RefDes	Value	Part Number	Description	Mfr	Size	volt
7	C6	.1uF	GRM39X7R104K25A	Capacitor, Ceramic, .1uF, 25-V, X7R, 10%	muRata		603
	C11	.1uF	GRM39X7R104K25A	Capacitor, Ceramic, .1uF, 25-V, X7R, 10%	muRata		603
	C12	.1uF	GRM39X7R104K25A	Capacitor, Ceramic, .1uF, 25-V, X7R, 10%	muRata		603
	C15	.1uF	GRM39X7R104K25A	Capacitor, Ceramic, .1uF, 25-V, X7R, 10%	muRata		603
	C16	.1uF	GRM39X7R104K25A	Capacitor, Ceramic, .1uF, 25-V, X7R, 10%	muRata		603
	C33	.1uF	GRM39X7R104K25A	Capacitor, Ceramic, .1uF, 25-V, X7R, 10%	muRata		603
	C34	.1uF	GRM39X7R104K25A	Capacitor, Ceramic, .1uF, 25-V, X7R, 10%	muRata		603
1	C10	1uF	GRM39X7R105K6.3A	Capacitor, Ceramic, 1uF, 6.3V, X7R, 10%	muRata		603
1	C24	1000 pF	GRM39yyyxxKvvvA	Capacitor, Ceramic, xxx-uF, vv-V, [temp], [tol]	muRata		603
1	C8	1000pF	GRM39X7R102K50A	Capacitor, Ceramic, 1000-pF, 50V, X7R, 10%	muRata		603
1	C17	OPEN	GRM39xxxxK25A	Capacitor, Ceramic, xx-uF, 25-V, X7R, 10%	muRata		603
1	C9	OPEN	GRM39yyyxxKvvvA	Capacitor, Ceramic, xxx-uF, vv-V, [temp], [tol]	muRata		603
1	C27	1uF	GRM40X7R105K16PT	Capacitor, Ceramic, 1-uF, 16-V, X7R	muRata		805
1	C43	2.2uF	GMK325BJ225MN	Capacitor, Ceramic, 2.2uFuF, 35V, X5R, 10%	Taiyo Yuden		1210
1	C14	10uF	EMK325BJ106MN	Capacitor, Ceramic, 10uF, 16V, X5R, 20%	Taiyo Yuden		1210 16V
1	C13	100uF	ECE-V0JA101P	Capacitor, Aluminum, 100-uF, 6.3-V, 20%, VA Series	Panasonic	0.268 x 0.307	
1	C18	330 uF	EEV-FK1331P	Capacitor, Aluminum, SM, 330uF, 35V, 80-milliohms, VS series	Panasonic	10x12mm	
5	C19	330 uF	EEV-FK1331P	Capacitor, Aluminum, SM, 330uF, 35V, 150-milliohms, VS series	Panasonic	10x12mm	
	C20	330 uF	EEV-FK1331P	Capacitor, Aluminum, SM, 330uF, 35V, 150-milliohms, VS series	Panasonic	10x12mm	
	C21	330 uF	EEV-FK1331P	Capacitor, Aluminum, SM, 330uF, 35V, 150-milliohms, VS series	Panasonic	10x12mm	
	C22	330 uF	EEV-FK1331P	Capacitor, Aluminum, SM, 330uF, 35V, 150-milliohms, VS series	Panasonic	10x12mm	
	C23	330 uF	EEV-FK1331P	Capacitor, Aluminum, SM, 330uF, 35V, 150-milliohms, VS series	Panasonic	10x12mm	
2	D6	BAS16	BAS16	Diode, Switching, 10-mA, 85-V, 350-mW	Vishay-Liteon	SOT23	
	D7	BAS16	BAS16	Diode, Switching, 10-mA, 85-V, 350-mW	Vishay-Liteon	SOT23	
1	D1	MBRB2535CTL	MBRB2535CTL	Diode, Dual Schottky, 25A, 35-V	ON Semi/IR	D2PAK	
1	D5	5.6V	BZX84C5V6LT1	Diode, Schottky, 225-mW, 5.6V	On Semiconductor	SOT123	
1	L1	22uH	2305-H	Inductor, 22uH, 16.4-A, zz-milliohm	J.W.Miller	1.280 dia	
1	R6		0Std	Resistor, Chip, 0-Ohms, 1/16-W, 1%	Std		603
1	R16	1.40K	Std	Resistor, Chip, 1.40K-Ohms, 1/16-W, 1%	Std		603
1	R19	1.5K	Std	Resistor, Chip, 1.5K-Ohms, 1/16-W, 1%	Std		603
1	R12	2.49K	Std	Resistor, Chip, 2.49K-Ohms, 1/16-W, 1%	Std		603
1	R22		10Std	Resistor, Chip, 10-Ohms, 1/16-W, yy%	Std		603
2	R24	10K	Std	Resistor, Chip, 10K-Ohms, 1/16-W, 1%	Std		603
	R25	10K	Std	Resistor, Chip, 10K-Ohms, 1/16-W, 1%	Std		603
1	R13	15K	Std	Resistor, Chip, 15K-Ohms, 1/16-W, 1%	Std		603

1 R8	22.6K	Std	Resistor, Chip, 22.6K-Ohms, 1/16-W, 1%	Std	603
2 R18	100K	Std	Resistor, Chip, 100K-Ohms, 1/16-W, 1%	Std	603
R15	100K	Std	Resistor, Chip, 100K-Ohms, 1/16-W, 1%	Std	603
1 R23	130K	Std	Resistor, Chip, 130K-Ohms, 1/16-W, yy%	Std	603
1 R14	150K	Std	Resistor, Chip, 150K-Ohms, 1/16-W, 1%	Std	603
1 R21	OPEN	Std	Resistor, Chip, xx-Ohms, 1/16-W, yy%	Std	603
1 R4		10 Std	Resistor, Chip, 10-Ohms, 1/10-W, 1%	Std	805
2 R17	2.2K	Std	Resistor, Chip, 2.2K-Ohms, 1/4-W, yy%	Std	1210
R20	2.2K	Std	Resistor, Chip, 2.2K-Ohms, 1/4-W, yy%	Std	1210
1 R9		0.01 WSL-2512-R006 1%	Resistor, Chip, 0.010-Ohms, 1-W, 1%	VISHAY	2512
1 R7		0.012 WSL-2512-R006 1%	Resistor, Chip, 0.012-Ohms, 1-W, 1%	VISHAY	2512
2 J1		ED1609	Terminal Block, 2-pin, 15-A, 5.1mm	OST	0.40 x 0.35"
J2		ED1609	Terminal Block, 2-pin, 15-A, 5.1mm	OST	0.40 x 0.35"
2 Q2	IRL1104S		MOSFET, N-ch, 40V, 104A, 8-milliOhms		SMD-220
Q3	IRL1104S		MOSFET, N-ch, 40V, 104A, 8-milliOhms		SMD-220
1 U2	UCC38C43D	UCC38C42D	IC, Low-Power BiCMOS Current-mode PWM, Von = xx V	TI	SO8
1 U3	UCC3917D	UCC3917D	IC, Positive Floating Hot-Swap Power Manager	TI	SO16

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