

COUNT	RefDes	Description	Size	Mfr	Part Number
1	C1	Capacitor, Aluminum, 68-uF, 8-V, 20% (UD Series)	7343	Panasonic	EEF-UD0K680R
1	C10	Capacitor, Ceramic, 39-pF, 50-V, C0G	603	muRata	GRM1885C1H390JZ01
2	C13, C14	Capacitor, Aluminum, SM, 470-uF, 25-V, 150-milliohms, FC series	10x12mm	Panasonic	EEV-FC1E471P
1	C18	Capacitor, Ceramic, 68-pF, 50-V, C0G	603	muRata	GRM1885C1H680JZ01
1	C19	Capacitor, Ceramic, 6800-pF, 50-V, X7R	603	muRata	GRM188R71H682KA01
6	C2, C3, C11, C12, C15, C16	Capacitor, Aluminum, SM, 22-uF, 100-V, VS series	10x12mm	Panasonic	ECEV2AA220P
2	C4, C17	Capacitor, Ceramic, 0.47-uF, 50-V, X7R	805	muRata	GRM21BR71H473KA01
2	C5, C20	Capacitor, Ceramic, 1000-pF, 50-V, X7R	603	muRata	GRM216R71H102KA01
2	C6, C21	Capacitor, Ceramic, 330-puF, 50-V, X7R	603	muRata	GRM216R71H331KD01
2	C7, C22	Capacitor, Ceramic, 1-uF, 16-V, X7R	805	muRata	GRM21BR71C105KA01
1	C8	Capacitor, Ceramic, 0.1-uF, 25-V, X7R	603	muRata	GRM188R71E104KA01
1	C9	Capacitor, Ceramic, 3900-pF, 50-V, X7R	603	muRata	GRM188R71H392KD01
3	D1, D2, D3	Diode, UltraFast Rectifier, 1-A, 200-V	SMB	On Semi	MURS120T3
1	J1	Terminal Block, 3-pin, 6-A, 3.5mm	0.41 x 0.25"	OST	ED1515
3	J2, J3, J4	Terminal Block, 2-pin, 6-A, 3.5mm	0.27 x 0.25"	OST	ED1514
3	L1, L2, L3	Inductor, SMT, 2.2-uH, 900-mA, 0.11 -ohm	0.180 x0.120"	Murata	LQH43CN2R2M01
2	Q1, Q2	MOSFET, N-ch, 55-V, 42-mA, 27-milliOhms	TO-252AA	IR	IRLR2905
2	R1, R14	Resistor, Chip, 15k-Ohms, 1/16-W, 1%	603	Std	Std
1	R13	Resistor, Chip, 511k-Ohms, 1/16-W, 1%	603	Std	Std
1	R15	Resistor, Chip, 249k-Ohms, 1/16-W, 1%	603	Std	Std
1	R16	Resistor, Chip, 787 -Ohms, 1/16-W, 1%	603	Std	Std
7	R2, R3, R8, R10, R11, R12, R21	Resistor, Chip, 10k-Ohms, 1/16-W, 1%	603	Std	Std
2	R4, R17	Resistor, Chip, 3.01k-Ohms, 1/16-W, 1%	603	Std	Std
2	R5, R19	Resistor, Chip, 1k-Ohms, 1/16-W, 1%	603	Std	Std
2	R6, R20	Resistor, Chip, 0.1-Ohms, 1 -W, 1%	2512	Vishay	WSL-2512-0.1 1% R86
2	R7, R18	Resistor, Chip, 49.9-Ohms, 1/16-W, 1%	603	Std	Std
1	R9	Resistor, Chip, 976-Ohms, 1/16-W, 1%	603	Std	Std
1	T3	Transformer, 1 Primary, 2 Secondary, Custom	0.670x1.00	GCI	G013340
1	T4	Transformer, 1 Primary, 1 Secondary, Custom	0.670x1.00	GCI	G013341
	TP1, TP3, TP4, TP5, TP9, TP10,				

9	TP11, TP14, TP15	Test Point, Red, 1mm	0.038"	Farnell	240-345
	TP2, TP6, TP7, TP8, TP12, TP13,				
7	TP16	Test Point, Black, 1mm	0.038"	Farnell	240-333
2	U1, U3	IC, Low-Power BiCMOS Current-mode PWM, Von = 4.1 V	TSSOP8	TI	UCC3813-3PW
1	U2	IC, LinCMOS Programmable Low-Power Operational Amplifier	SO8		TLC271xD

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