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<b>Title: AC/DC Power Supply</b>		
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Designator	Description	Quantity	Supplier Part Number 1	Manufacturer Part Number
C1	CAP CER 0.1UF 630V X7R 1812	1	478-4009-1-ND	1812CC104KAT1A
C3	CAP ALUM 47UF 20% 400V RADIAL	1	P13546-ND	EEU-ED2G470S
C5, C12	CAP CER 1UF 10V X7S 0402	2	490-13409-1-ND	GCM155C71A105KE38D
C6, C7	CAP ALUM POLY 470UF 20% 6.3V T/H	2	493-4019-1-ND	RL80J471MDNASQKX
C8	CAP FILM 0.22UF 20% 630VDC RAD	1	495-4371-3-ND	B32922C3224M289
C9	CAP CER 0.022UF 50V X7R 0402	1	490-3884-1-ND	GRM155R71H223KA12D
C10	CAP CER 4.7UF 25V X7R 0805	1	445-173713-1-ND	CGA4J1X7R1E475M125AE
C11	CAP CER 4700PF 440VAC Y5U RADIAL	1	BC2359-ND	VY2472M49Y5US63V7
C13	CAP CER 10000PF 50V X7R 0402	1	490-4516-1-ND	GRM155R71H103KA88D
C14	CAP CER 0.22UF 16V X7R 0402	1	490-5418-1-ND	GRM155R71C224KA12D
C15	CAP CER 10UF 16V X5R 0805	1	490-3886-1-ND	GRM21BR61C106KE15L
C16	CAP CER 2200PF 630V X7R 1206	1	445-2289-1-ND	C3216X7R2J222K115AA
D1	TVS DIODE 110VWM 177VC DO214AB	1	SMCJ110A-TPMSCT-ND	SMCJ110A-TP
D2	BRIDGE RECT 1PHASE 600V 4A Z4-D	1	641-1502-1-ND	Z4DGP406L-HF
D3	DIODE GEN PURP 800V 1A SMA	1	US1K-FDICT-ND	US1K-13-F
D4	DIODE GP 200V 200MA SOD123F	1	BAV21HWF-7DICT-ND	BAV21HWF-7
D5	DIODE ARR SCHOT 30V 200MA SC70-3	1	BAT54SWT1GOSCT-ND	BAT54SWT1G
F1	FUSE BRD MNT 3A 125VAC/VDC 2SMD	1	F1860CT-ND	0452003.NRL
J1, J2, T1	Header, 3-Pin, Three-winding Transformer (Ideal)	3		
L1	CMC 10MH 700MA 2LN TH	1	732-1437-ND	744821110
Q1	30V N-Channel NexFET&#153; Power MOSFET	1	296-27613-1-ND	CSD17312Q5
Q2	MOSFET N-CH 650V 7.3A TO220-3	1	SPP07N60C3XKSA1-ND	SPP07N60C3XKSA1
R2	RES 0.022 OHM 5% 1W 2512	1	13-RL2512JK-070R022LCT-ND	RL2512JK-070R022L
R3, R6	RES 10 OHM 5% 1/16W 0402	2	311-10JRCT-ND	RC0402JR-0710RL
R4	RES SMD 66.5K OHM 1% 1/16W 0402	1	541-66.5KLCT-ND	CRCW040266K5FKED
R5	RES SMD 4.7 OHM 5% 1/4W 1206	1	541-4.7ECT-ND	CRCW12064R70JNEA
R7, R13	RES SMD 0 OHM JUMPER 1/16W 0402	2	541-0.0JCT-ND	CRCW04020000Z0ED
R8	RES SMD 22.6K OHM 1% 1/16W 0402	1	541-22.6KLCT-ND	CRCW040222K6FKED
R9, R15, R19	RES SMD 1K OHM 1% 1/16W 0402	3	541-1.00KLCT-ND	CRCW04021K00FKED
R10	RES SMD 23.2K OHM 1% 1/16W 0402	1	541-23.2KLCT-ND	CRCW040223K2FKED
R11	RES SMD 200K OHM 1% 1/16W 0402	1	541-200KLCT-ND	CRCW0402200KFKED
R12	RES 0.51 OHM 1% 1/2W 1206	1	CRM1206-FX-R510ELFCT-ND	CRM1206-FX-R510ELF
R14, R16	RES SMD 499 OHM 1% 1/16W 0402	2	541-499LCT-ND	CRCW0402499RFKED
R17	RES SMD 2K OHM 1% 1/16W 0402	1	541-2.00KLCT-ND	CRCW04022K00FKED
R18	RES SMD 30.1K OHM 1% 1/16W 0402	1	541-30.1KLCT-ND	CRCW040230K1FKED
R20, R22	RES SMD 10K OHM 1% 1/16W 0402	2	541-10.0KLCT-ND	CRCW040210K0FKED
R21	RES 220K OHM 1% 2W 2512	1	A130749CT-ND	CRGP2512F220K
RV1	VARISTOR 470V 6KA DISC 14MM	1	P7222-ND	ERZ-V14D471
U1	IC OFFLINE SWITCH FLYBACK 7SOIC	1	296-41059-1-ND	UCC28740DR
U2	IC SECONDARY-SIDE CTRLR 8SON	1	296-28066-1-ND	UCC24610DRBT
U3	OPTOISOLATOR 3.75KV TRANS 4SSOP	1	VOS617A-7X001TCT-ND	VOS617A-7X001T
U4	IC VREF SHUNT ADJ 1% SOT23-3	1	296-17329-1-ND	TL431AIDBZR