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LM5000 Flyback Industrial Bias Supply

Designator	Description	Manufacturer	PartNumber	Quantity
!PCB	PMP7900 REVA	Any	PMP7900 REVA	1
C1, C2	CAP CER 10UF 35V 20% X7R 1206	TDK Corporation	C3216X7R1V106M160AC	2
C3, C4, C7, C8, C13, C14, C20, C21	CAP, CERM, 10uF, 25V, +/-10%, X7R, 1206	MuRata	GRM31CR71E106KA12L	8
C5, C6, C11	CAP, CERM, 0.1uF, 25V, +/-10%, X7R, 0805	TDK	C2012X7R1E104K	3
C9	CAP, CERM, 1uF, 50V, +/-10%, X7R, 0805	MuRata	GRM21BR71H105KA12L	1
C12	CAP, CERM, 0.1uF, 25V, +/-5%, X7R, 0603	AVX	06033C104JAT2A	1
C15	CAP, CERM, 100pF, 50V, +/-5%, C0G/NP0, 0805	TDK	C2012C0G1H101J	1
C17	CAP CER 1000PF 1.5KV X7R 1206	Kemet	C1206C102KFRACU	1
C18	CAP, CERM, 1uF, 25V, +/-10%, X7R, 0603	MuRata	GRM188R71E105KA12D	1
C19	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	Kemet	C0603C104K5RACTU	1
D1	Diode, Zener, 30V, 3W, SMA	Micro Commercial Components	3SMAJ5936B-TP	1
D2, D4	Diode, Schottky, 100V, 1A, SMB	ON Semiconductor	MBRS1100T3G	2
D3	Diode, Schottky, 100V, 1A, SMA	Diodes Inc.	B1100-13-F	1
D5	Diode, Zener, 5.1V, 500mW, SOD-123	Diodes Inc.	MMSZ5231B-7-F	1
R1	RES, 4.99 ohm, 1%, 0.125W, 0805	Yageo America	RC0805FR-074R99L	1
R2	RES, 8.66k ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW08058K66FKEA	1
R3, R12	RES, 1.00k ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW08051K00FKEA	2
R4, Rx3	RES, 0 ohm, 5%, 0.125W, 0805	Vishay-Dale	CRCW08050000Z0EA	2
R5	RES, 105 ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW0805105RFKEA	1
R6	RES, 140k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW0603140KFKEA	1
R7, R8, R10	RES, 10.0k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060310K0FKEA	3
R9	RES, 4.99k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW06034K99FKEA	1
R13	RES, 1.00k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW06031K00FKEA	1
R15	RES, 0 ohm, 5%, 0.1W, 0603	Vishay-Dale	CRCW06030000Z0EA	1
R16	RES, 200k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW0603200KFKEA	1
T1	INDUCTOR/TRANSFORMER 10.1UH SMD	Cooper Bussman	VPH4-0060-R	1
TP1, TP2, TP3, TP4, TP5, TP6	Terminal, Turret, TH, Double	Keystone	1502-2	6
TP7, TP8, TP9	Test Point, TH, Miniature, White	Keystone	5002	3
U1	High Voltage Switch Mode Regulator, 16-pin LLP	National Semiconductor	LM5000SDX-3	1
U3	High Isolation Voltage Single Transistor Type OptoCoupler	California Eastern Laboratories	PS2501L-1-A	1
U4	Low-Voltage (1.24V) Adjustable Precision Shunt Regulator, 5-pin SOT-23	National Semiconductor	LMV431ACM5	1

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