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LM5021 Flyback

Designator	Description	Manufacturer	PartNumber	Quantity
C100	CAP, CERM, 2200pF, 1000V, +10/%, X7R, 1206	Vishay-Vitramon	VJ1206Y222KXGAT5Z	1
C101, C105	CAP, CERM, 0.1uF, 100V, +10/%, X7R, 1206	TDK	C3216X7R2A104K	2
C102	CAP, AL, 47uF, 63V, +/-20%, 0.65 ohm, SMD	Panasonic	EEE-FK1J470P	1
C103, C104	CAP, CERM, 4.7uF, 100V, +20/%, X7R, 2220	TDK	C5750X7R2A475M	2
C106	CAP, CERM, 10uF, 25V, +20/%, X7R, 1210	TDK	C3225X7R1E106M	1
C107	CAP, CERM, 1uF, 50V, +10/%, X7R, 0805	MuRata	GRM21BR71H105KA12L	1
C108, C152	CAP, CERM, 0.047uF, 50V, +10/%, X7R, 0603	TDK	C1608X7R1H473K	2
C111	CAP, CERM, 560pF, 50V, +5/%, C0G/NP0, 0603	TDK	C1608C0G1H561J	1
C113	CAP, CERM, 0.47uF, 10V, +10/%, X5R, 0402	MuRata	GRM155R61A474KE15D	1
C114	CAP, CERM, 100pF, 50V, +5/%, C0G/NP0, 0402	MuRata	GRM1555C1H101JA01D	1
C120, C121, C122	CAP, CERM, 22uF, 10V, +10/%, X7R, 1206	MuRata	GRM31CR71A226KE15L	3
C123, C125, C126, C133	CAP, TANT POLY, 330uF, 10V, +/-20%, 0.035 ohm, SMD	SANYO	10TPB330M	4
C124, C134	CAP, CERM, 10uF, 10V, +10/%, X5R, 1206	MuRata	GRM31CR71A106KA01L	2
C130, C131, C132	CAP, CERM, 47uF, 10V, +10/%, X5R, 1206	MuRata	GRM31CR61A476KE15L	3
C135	CAP, TANT POLY, 330uF, 10V, +/-20%, 0.035 ohm, SMD	SANYO	DNI - 10TPB330M	1
C150	CAP, CERM, 1uF, 16V, +10/%, X7R, 0603	TDK	C1608X7R1C105K	1
C151	CAP, CERM, xxxF, xxV, [TempCo], xx%, [PackageReference]		DNI CAP	0
D100	TVS, UNI-DIR, 70V, 400W, SMA	Diodes Inc	SMAJ70A-13-F	1
D101	Diode, Ultrafast, 200V, 1A, SMA	Central Semiconductor	CMR1U-02M	1
D102, D103, D151	Diode, Ultrafast, 75V, 0.3A, SOT-23	Diodes Inc.	BAS16-7-F	3
D104	Diode, Zener, 27V, 500mW, SOD-123	Diodes Inc.	MMSZ5254B-7-F	1
D105	Diode, Schottky, 40V, 0.2A, SOT-23	Diodes Inc.	BAS40-7-F	1
D110, D111	DIODE SWITCH 100V 200MA SOD123	ON Semiconductor	MMSD914T1G	2
D150	Low-Voltage (1.24V) Adjustable Precision Shunt Regulators, 5-pin SOT-23, Pb-Free	National Semiconductor	LMV431ACM5/NOPB	1
L101	Inductor, Shielded Drum Core, Ferrite, 3.3uH, 1.73A, 0.03 ohm, SMD	Coilcraft	MSS5131-332MLB	1
L120, L130	Inductor, Drum Core, Ferrite, 1uH, 4.4A, 17.7 mOhm, SMD	Coiltronics	UP1B-1R0-R	2
Q101	MOSFET, N-CH, 200V, 34A, DDPAK	Infineon Technologies	IPB320N20N3 G	1
Q109, Q110	Transistor, PNP, 40V, 0.2A, SOT-23	Central Semiconductor	CMPT3906	2
Q120, Q130	MOSFET, N-CH, 40V, 15.9A, PowerPAK SO-8	Vishay Siliconix	SIR426DP-T1-GE3	2
R100	RES, 40.2k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060340K2FKEA	1
R101	RES, 21.5k ohm, 1%, 0.25W, 1206	Yageo America	RC1206FR-0721K5L	1
R102	RES, 10k ohm, 5%, 1W, 2512	Stackpole Electronics Inc	RMCF2512JT10K0	1
R103	RES, 100 ohm, 5%, 0.125W, 0805	Panasonic	ERJ-6GEYJ101V	1
R104	RES, 44.2k ohm, 1%, 0.063W, 0402	Vishay-Dale	CRCW040244K2FKED	1

Designator	Description	Manufacturer	PartNumber	Quantity
R106	RES, 10 ohm, 5%, 0.25W, 1206	Vishay-Dale	CRCW120610R0JNEA	1
R109	RES, 0.05 ohm, 1%, 2W, 2512	Stackpole Electronics Inc	CSRN2512FK50L0	1
R110	RES, 4.7 ohm, 5%, 0.1W, 0603	Vishay-Dale	CRCW06034R70JNEA	1
R111	RES, 4.99k ohm, 1%, 0.1W, 0603	Yageo America	RC0603FR-074K99L	1
R112	RES, 1.21k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW06031K21FKEA	1
R113	RES, 150 ohm, 5%, 0.1W, 0603	Vishay-Dale	CRCW0603150RJNEA	1
R114	RES, 20 ohm, 5%, 0.125W, 0805	Panasonic	ERJ-6GEYJ200V	1
R150, R155	RES, 499 ohm, 1%, 0.063W, 0402	Vishay-Dale	CRCW0402499RFKED	2
R151, R154	RES, xxx ohm, x%, xW, [PackageReference]		DNI RES	0
R152	RES, 47.5k ohm, 1%, 0.063W, 0402	Vishay-Dale	CRCW040247K5FKED	1
R153	RES, 12.1k ohm, 1%, 0.063W, 0402	Vishay-Dale	CRCW040212K1FKED	1
T101	SMT Power Transformer	Coilcraft	MA5346-CL	1
U100	IC, Optocoupler, 5000V, 300-600% CTR	Fairchild Optoelectronics Group	FOD817DSD	1
U101	AC-DC Current Mode PWM Controller, 8-pin MSOP, Pb-Free	National Semiconductor	LM5021MM-1/NOPB	1

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