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TPS92310-DIM

Designator	Description	Manufacturer	PartNumber	Quantity
VDR1	Varistor, 300VAC, 385VDC, 30J, 7mm, Radial	EPCOS Inc	S07K300E2	1
U2	TRANS NPN 30V 100MA DUAL SOT143B	NXP Semiconductors	BCV61B,235	1
U1	TPS92310 AC/DC controller for LED	TI	TPS92310	1
TP1, TP2, TP3	Test Point, SMT, Miniature	Keystone, Keystone Electronics, Keystone	5015	3
T1	Transformer EE-16	WE	750341087	1
R22, R23	RES, 3.01k ohm, 1%, 0.1W, 0603	Yageo America	RC0603FR-073K01L	2
R21	RES, 13.3k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060313K3FKEA	1
R20	RES, 1.10k ohm, 1%, 0.1W, 0603	Yageo America	RC0603FR-071K1L	1
R19	RES, 26.7 ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW080526R7FKEA	1
R18	RES, 3.00 ohm, 1%, 0.25W, 1206	Yageo America	RC1206FR-073RL	1
R17	RES, 10.2k ohm, 1%, 0.1W, 0603	Yageo America	RC0603FR-0710K2L	1
R16	RES, 1.00k ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW08051K00FKEA	1
R15	RES, 3.65Meg ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW08053M65FKEA	1
R14	RES, 90.9k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW060390K9FKEA	1
R13	RES, 27k ohm, 5%, 0.1W, 0603	Vishay-Dale	CRCW060327K0JNEA	1
R11	RES, 20.0 ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW080520R0FKEA	1
R10	RES, 127k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW0603127KFKEA	1
R9	RES, 42.2k ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW080542K2FKEA	1
R8	RES, 0 ohm, 5%, 0.125W, 0805	Vishay-Dale	CRCW08050000Z0EA	1
R6	RES, 1.00k ohm, 1%, 0.25W, 1206	Vishay-Dale	CRCW12061K00FKEA	1
R4, R5, R12	RES, 2.10Meg ohm, 1%, 0.125W, 0805	Vishay-Dale	CRCW08052M10FKEA	3
R3	RES, 100 ohm, 5%, 1W, Axial	Panasonic Electronic Components	ERG-1SJ101	1
R2	RES, 220 ohm, 1%, 0.25W, 1206	Yageo America	RC1206FR-07220RL	1
R1, R7	DNP			2
Q2	MOSFET N-CH, 2.5A, 800V, 4.5ohm, 19nC	STMicroelectronics	STD3NK80Z-1	1
Q1	STMICROELECTRONICS - STD1NK60-1 - MOSFET, N CH, 600V, 1A, IPAK	STMICROELECTRONICS	STD1NK60-1	1
LED+1, LED-1	Terminal, Turret, TH, Double	Keystone	1502-2	2
L2	Inductor, Drum Ferrite 1.5mH 0.21A, 3ohm, TH1	TDK Corporation	TSL0808RA-152KR21-PF	1
L1	Inductor, Drum Ferrite 3.3mH 0.15A, 11ohm, TH1	TDK Corporation	TSL0808RA-472JR13-PF	1
J1, J2, J3, J4	Jumper Wire, 300mil spacing, Orange, pkg of 200	3M	923345-03-C	4
F1	FUSE SLOW 250VAC 500MA AXIAL	Littelfuse Inc	0875.500MXEP	1
D13	Diode, Ultrafast, 75V, 0.25A, SOD-323	Central Semiconductor	CMDD4448	1
D12	Diode, Zener, 3V, 200mW, SOD-323	Diodes Inc.	MMSZ5225BS-7-F	1
D11	Diode, Ultrafast, 100V, 0.15A, SOD-123	Diodes Inc.	1N4148W-7-F	1
D10	Diode, Schottky, 30V, 0.2A, SOD-323	ON Semiconductor	BAT54HT1G	1
D9	DIODE VREG 4.7V 250MW SOT23	NXP	BZX84-A4V7,215	1
D8	Diode 150V, 0.2A, 50nS, SOD-123	Diodes Inc	BAV20W-7-F	1
D7	Diode, Zener, 36V, 500mW, SOD-123	Vishay-Semiconductor	MMSZ4715-V	1
D5	DIODE SCHOTTKY 3A 100V SMB	STMicroelectronics	STPS2H100A	1
D4	Diode, TVS, 250V, 400W, SMA	Littelfuse Inc	SMAJ250A	1
D3	Diode, Ultrafast, 400V, 1A, SMA	Diodes Inc.	RS1G-13-F	1
D2	Diode, Switching-Bridge, 600V, 0.5A, MiniDip	Diodes Inc	RH06-T	1
D1, D6	Diode, Ultrafast, 600V, 1A, SMA	Diodes Inc	US1J-13-F	2
CN1, CN2	Conn Term Block, 2POS, 5.08mm PCB	Phoenix Contact	1715721	2
C9	CAP, CERM, 4.7uF, 16V, +/-10%, X7R, 0805	MuRata	GRM21BR71C475KA73L	1
C8	CAP, CERM, 2200pF, 250VAC, X1Y1, TH	Murata Electronics North America	DE1E3KX222MA4BL01	1
C6	CAP ALUM 680UF 35V 20% RADIAL	Panasonic Electronic Components	EEU-FM1V681	1

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C5, C7	CAP, CERM, 10uF, 50V, +/-10%, X7R, 1210	Murata Electronics North America	GRM32ER71H106KA12L	2
C4	Cap, Film, 0.033uF, 630VDC, 20%, Radial	Vishay BC Components	BFC233920333	1
C3	CAP, Film, 0.033uF, 630V, +/-10%, TH	EPCOS Inc	B32921C3333K	1
C2	CAP, CERM, 0.1uF, 50V, +/-10%, X7R, 0603	MuRata	GCM188R71H104KA57B	1
C1	CAP FILM 0.15uF 630VDC RADIAL	Panasonic	ECW-F6104JL	1

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