

PMP8632_RevB

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
C1, C2	2	10uF	CAP, AL, 10uF, 400V, +/-20%, TH	RCAP, 16x12.5mm	URU2G100MHD	Nichicon
C3	1	1000uF	CAP, AL, 1000uF, 10V	CAPAE, 10x12.7mm	EEEEFP1A102A	Nichicon
C4	1	100uF	CAP, CERM, 100F, xxV, X5R, xx%, [PackageReference]	1210	Used in BOM report	Used in BOM report
C5	1	DNP	CAP, CERM, xxxF, xxV, [TempCo], xx%, [PackageReference]	Used in PnP output	Used in BOM report	Used in BOM report
C6	1	1.5uF	CAP, CERM, xxxF, xxV, [TempCo], xx%, [PackageReference]	0805	Used in BOM report	Used in BOM report
C7	1	0.1uF	CAP, CERM, xxxF, xxV, [TempCo], xx%, [PackageReference]	0805	Used in BOM report	Used in BOM report
C8	1	1500pF	Capacitor, Ceramic Disk, 220V	0.394 X 0.315 inch Max.	ECKANA152MB	Panasonic
D1	1	400V	Diode, Switching-Bridge, 400V, 0.5A, MiniDIP	MiniDIP	RH04-T	Diodes Inc.
D2	1	100V	Diode, TVS, Uni, 100V, 600W, SMB	SMB	SMBJ100A-13-F	Diodes Inc.
D3	1	US1G	Diode, Schottky, xxV, xxA, [PackageReference]	Used in PnP output	US1G	Used in BOM report
D4	1	BAS20	Diode, High-Speed Switching, 250-mA, 200-V	SOD-323	BAS20	Infineon
L1, L2	2	470uH	Inductor, Unshielded Drum Core, Ferrite, 470uH, 0.35A, 1.58 ohm, TH	D6 x 8.5mm	7447462471	Würth Elektronik eiSos
Q1	1	CSD18504Q5A	MOSFET, N-CH, 40V, 15A, SON 5x6mm	SON 5x6mm	CSD18504Q5A	Texas Instruments
Q2	1	STD2HNK60Z	MOSFET, N-CH, xxV, xxxA, DPAK	Used in PnP output	STD2HNK60Z	Used in BOM report
R1, R3	2	10k	RES, xxx ohm, x%, xW, [PackageReference]	Used in PnP output	Used in BOM report	Used in BOM report
R2	1	0	RES, 10 ohm, 5%, 0.25W, 1206	1206	CRCW120610R0JNEA	Vishay-Dale
R4, R6, R7	3	5.6M	RES, xxx ohm, x%, xW, [PackageReference]	1206	Used in BOM report	Used in BOM report
R5	1	75	RES, xxx ohm, x%, xW, [PackageReference]	1210	Used in BOM report	Used in BOM report
R8	1	20	RES, xxx ohm, x%, xW, [PackageReference]	0805	Used in BOM report	Used in BOM report
R9	1	3.09k	RES, 10.0k ohm, 1%, 0.125W, 0805	0805	CRCW080510K0FKEA	Vishay-Dale
R10	1	80.6k	RES, xxx ohm, x%, xW, [PackageReference]	0603	Used in BOM report	Used in BOM report
R11, R12	2	10	RES, xxx ohm, x%, xW, [PackageReference]	0805	Used in BOM report	Used in BOM report
R13	1	10	RES, xxx ohm, x%, xW, [PackageReference]	1206	Used in BOM report	Used in BOM report
R14, R15	2	0	RES, xxx ohm, x%, xW, [PackageReference]	0805	Used in BOM report	Used in BOM report
R16	1	25.5k	RES, xxx ohm, x%, xW, [PackageReference]	0603	Used in BOM report	Used in BOM report
R17, R18	2	DNP	RES, xxx ohm, x%, xW, [PackageReference]	0603	Used in BOM report	Used in BOM report
R19	1	35.7k	RES, xxx ohm, x%, xW, [PackageReference]	0603	Used in BOM report	Used in BOM report
R20	1	274k	RES, xxx ohm, x%, xW, [PackageReference]	0603	Used in BOM report	Used in BOM report
R21	1	1k	RES, xxx ohm, x%, xW, [PackageReference]	0603	Used in BOM report	Used in BOM report
R22	1	1	RES, xxx ohm, x%, xW, [PackageReference]	1206	Used in BOM report	Used in BOM report
T1	1	500 uH	Transformer, 500uH, TH	Transformer, 665x524x740 mil	7508110155	Würth Elektronik eiSos
TP1, TP2	2	Red	Test Point, TH, Miniature, Red	Keystone5000	5000	Keystone

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
TP3	1	Red	Test Point, Miniature, Red, TH	Red Miniature Testpoint	5000	Keystone
TP4	1	Black	Test Point, Miniature, Black, TH	Black Miniature Testpoint	5001	Keystone
U1	1	UCC28700	Constant-Voltage, Constant-Current Controller With Primary-Side Regulation, DBV0006A	DBV0006A	UCC28700DBV	Texas Instruments
U2	1	UCC24610DRB	IC, SECONDARY-SIDE SYNCHRONOUS RECTIFIER CONTROLLER FOR 5V SYSTEMS	QFN-8P	UCC24610DRB	TI

Notes:

Unless otherwise noted in the Alternate PartNumber and/or Alternate Manufacturer columns, all parts may be substituted with equivalents.

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