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Variant: 001

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### PMP10653

Designator	Description	Manufacturer	PartNumber	Quantity
IPCB1	Printed Circuit Board	Any	PMP10653	1
C1, C3, C8, C26, C28, C31, C34, C36, C38, C40, C48, C51	CAP, CERM, 0.1 $\mu$ F, 16 V, +/- 5%, X7R, 0603	AVX	0603YC104JAT2A	12
C2, C4, C7, C27, C29, C32, C41, C42, C43, C53	CAP, CERM, 4.7 $\mu$ F, 16 V, +/- 10%, X5R, 0603	MuRata	GRM188R61C475KAAJ	10
C5, C6, C9, C12, C13, C14, C15, C16, C17, C18, C20, C22, C23, C24, C30	CAP, CERM, 1 $\mu$ F, 16 V, +/- 10%, X7R, 0603	Taiyo Yuden	EMK107B7105KA-T	15
C10, C11	CAP, CERM, 10 $\mu$ F, 10 V, +/- 20%, X7R, 0805	TDK	C2012X7R1A106M125AC	2
C19, C21, C25, C44	CAP, CERM, 0.1 $\mu$ F, 10 V, +/- 10%, X7R, 0402	MuRata	GRM155R71A104KA01D	4
C33, C35, C37, C39, C47	CAP, CERM, 0.01 $\mu$ F, 50 V, +/- 5%, X7R, 0402	Kemet	C0402C103J5RACTU	5
C45	CAP, CERM, 0.047 $\mu$ F, 10 V, +/- 10%, X7R, 0402	MuRata	GRM155R71A473KA01D	1
C46	CAP, CERM, 1000 pF, 100 V, +/- 10%, X7R, 0402	MuRata	GRM155R72A102KA01D	1
C49, C50	CAP, CERM, 10 pF, 50 V, +/- 5%, C0G/NP0, 0402	MuRata	GRM1555C1H100JA01D	2
C52	CAP, CERM, 22 $\mu$ F, 10 V, +/- 20%, X5R, 0603	MuRata	GRM188R61A226ME15D	1
CBIAS1	CAP, CERM, 0.01 $\mu$ F, 50V, +/-10%, C0G/NP0, 0402	MuRata	GCM155R71H103KA55D	1
CBOOT1	CAP, CERM, 0.1 $\mu$ F, 50V, +/-10%, X7R, 0603	MuRata	GRM188R71H104KA93D	1
CVCC1	CAP, CERM, 1 $\mu$ F, 16V, +/-10%, X7R, 0603	TDK	C1608X7R1C105K	1
H32	Lens holder, M12x0.5, 11.2, centered	Sunex	CMT821	1
J1	Connector, HF, 50 Ohm, TH	Rosenberger	59S10H-40ML5-Z	1
L1	Inductor, Shielded, Ferrite, 4.7 $\mu$ H, 0.7 A, 0.35 ohm, SMD	Coilcraft	1008PS-472KLB	1
L2	Inductor, Shielded Drum Core, Ferrite, 100 $\mu$ H, 0.71 A, 0.36 ohm, SMD	Coilcraft	MSS7341-104MLB	1
L3	Ferrite Bead, 1000 ohm @ 100 MHz, 0.2 A, 0402	MuRata	BLM15BD102SN1D	1
L4	Ferrite Bead, 600 ohm @ 100 MHz, 2 A, 0805	Sunlord	UPZ2012E601-2R0TF	1
L5	Inductor, Shielded, ?, 4.7 $\mu$ H, 2.3A, 0.092 ohm, SMD	Coiltronics	MPI4040R3-4R7-R	1
L6, L7, L8, L11	Ferrite Bead, 1000 ohm @ 100 MHz, 0.35 A, 0402	MuRata	BLM15AX102SN1D	4
L9, L10	Ferrite Bead, 220 ohm @ 100 MHz, 2.2 A, 0603	TDK	MPZ1608S221A	2
R1, R2	RES, 2.00 k, 1%, 0.063 W, 0402	Vishay-Dale	CRCW04022K00FKED	2
R3	RES, 100k ohm, 1%, 0.1W, 0603	Vishay-Dale	CRCW0603100KFKEA	1
R4, R5, R6, R7, R8, R16, R17, R20	RES, 10.0 k, 1%, 0.063 W, 0402	Vishay-Dale	CRCW040210K0FKED	8
R9, R10	RES, 49.9, 1%, 0.063 W, 0402	Vishay-Dale	CRCW040249R9FKED	2
R11	RES, 110, 1%, 0.063 W, 0402	Vishay-Dale	CRCW0402110R0FKED	1
R12, R13, R14, R15	RES, 2.2 k, 5%, 0.063 W, 0402	Vishay-Dale	CRCW04022K20JNED	4

<b>Designator</b>	<b>Description</b>	<b>Manufacturer</b>	<b>PartNumber</b>	<b>Quantity</b>
R18	RES, 4.70 k, 1%, 0.1 W, 0402	Panasonic	ERJ-2RKF4701X	1
R19	RES, 0, 5%, 0.063 W, 0402	Yageo America	RC0402JR-070RL	1
U1	ULTRA LOW-NOISE, 250-mA LINEAR REGULATOR FOR RF AND ANALOG CIRCUITS REQUIRES NO BYPASS CAPACITOR, DBV0005A	Texas Instruments	LP5907MFX-1.8/NOPB	1
U2	ULTRA LOW-NOISE, 250-mA LINEAR REGULATOR FOR RF AND ANALOG CIRCUITS REQUIRES NO BYPASS CAPACITOR, DBV0005A	Texas Instruments	LP5907MFX-1.5/NOPB	1
U3	Synchronous Buck Regulators for 1000mA Space Constraint Application, DSX0010A	Texas Instruments	LM53601ADSXRQ1	1
U4	1/2.56" color CMOS 1.3 megapixel HDR HD image sensor, BGA78	OmniVision Technologies	OV10640-N79Y-1C-Z	1
U5	DS90UB913A-Q1/DS90UB914A-Q1 25 to 100 MHz 10/20-Bit FPD-Link III Serializer and Deserializer, RTV0032A	Texas Instruments	DS90UB913ATRVTQ1	1
Y1	OSC, 50MHz, 1.8 - 3.3V, SMD	Abracon Corportation	ASEMB-50.000MHZ-LY-T	1

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