

BOM - PMP9781

Designator	Quantity	Value	Description	PackageReference	PartNumber	Manufacturer
!PCB1	1		Printed Circuit Board		ALPS-0176	Any
C1	1	10uF	CAP, CERM, 10 μ F, 25 V, +/- 20%, X5R, 0603	0603	GRM188R61E106MA73	MuRata
C2	1	4.7uF	CAP, CERM, 4.7 μ F, 16 V, +/- 10%, X5R, 0805	0805	GRM219R61C475KE15D	MuRata
C3	1	4.7uF	CAP, CERM, 4.7 μ F, 16 V, +/- 10%, X5R, 0603	0603	GRM188R61C475KAAJ	MuRata
C4, C5	2	10uF	CAP, CERM, 10 μ F, 10 V, +/- 20%, X5R, 0805	0805	GRM219R61A106ME47	MuRata
C6	1	2.2uF	CAP, CERM, 2.2 μ F, 16 V, +/- 10%, X5R, 0603	0603	GRM188R61C225KE15D	MuRata
C7, C10	2	820pF	CAP, CERM, 820 pF, 100 V, +/- 5%, C0G/NP0, 0603	0603	GRM1885C2A821JA01D	MuRata
C8, C9	2	0.1uF	CAP, CERM, 0.1 μ F, 25 V, +/- 10%, X7R, 0603	0603	GRM188R71E104KA01D	MuRata
J1, J3, J9, J13, J15, J16	6		Header, 100mil, 2x1, Gold, TH	Header, 2.54mm, 2x1, TH	HMTSW-102-07-G-S-240	Samtec
J2, J4, J5, J21	4		Header, 100mil, 6x1, Gold, TH	6x1 Header	TSW-106-07-G-S	Samtec
J6	1		Header (shrouded), 100mil, 5x2, High-Temperature, Gold, TH	5x2 Shrouded header	N2510-6002-RB	3M
J7, J11	2		Header, 100mil, 3x2, Gold, TH	3x2 Header	TSW-103-07-G-D	Samtec
J8	1		RCA Jack, White, R/A, TH	PC Mount Phono Jack White, TH	970	Keystone
J10, J14	2		Audio Jack, 3.5mm, Stereo, R/A, SMT	Audio Jack SMD	SJ-3523-SMT	CUI Inc.
J12	1		RCA Jack, Red, R/A, TH	PC Mount Phono Jack Red, TH	971	Keystone
J17, J18	2		Connector, TH, BNC	Amphenol_112404	112404	Amphenol Connex
J19	1		Header, 100mil, 4x2, Gold, TH	4x2 Header	TSW-104-07-G-D	Samtec
L1	1	4.7uH	Inductor, Shielded, Metal Composite, 4.7 μ H, 1.2 A, 0.25 ohm, SMD	2.5x1x2mm	1269AS-H-4R7M	Toko
R1, R2, R5, R6	4	1.00k	RES, 1.00 k, 1%, 0.25 W, 0805	0805	ERJ-P06F1001V	Panasonic
R3, R4	2	10.0	RES, 10.0, 1%, 0.25 W, 0805	0805	RNCP0805FTD10R0	Stackpole Electronics Inc
R7, R8, R11	3	16.0	RES, 16.0, 1%, 0.5 W, 0805	0805	ERJ-P06F16R0V	Panasonic
R9	1	604	RES, 604, 1%, 0.5 W, 0805	0805	ERJ-P06F6040V	Panasonic
R10	1	1.20k	RES, 1.20 k, 1%, 0.5 W, 0805	0805	ERJ-P06F1201V	Panasonic
U1	1		Single Inductor-Dual Output Power Supply, YFF0015ARAG	YFF0015ARAG	TPS65132L0YFFR	Texas Instruments
U2	1		High-Performance, Bipolar-Input Audio Operational Amplifier, D0008A	D0008A	OPA1612AID	Texas Instruments

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