

# VT30LS PA

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 Rev Level: A

## Advanced Microwave Products

Verdi, NV 89439  
 VT30LS Power Amplifier  
 Base BOM

Item	Reference Designator	P/N	Desc	Manufacturer	Qty
1	PCB1	VT30LS PA Rev-A	PCB, VT30LS PA, Rev-A	LANmark	1
2	R2,3,8	MCR03JW222	Res, 0603, 2.2k ohms, 5%	Rohm	3
3	R4,5	MCR03JW471	Res, 0603, 470 ohms, 5%	Rohm	2
4	R7	MCR18JW151	Res, 1206, 150 ohms, 5%	Rohm	1
5	R25	MCR03JW104	Res, 0603, 100k ohms, 5%	Rohm	1
6	C1,5,8,11,16,43,44	C0603C103M3RAC	Cap, 0603, Ceramic, 10 nF, 20%, 25V, X7R..	Kemet	7
7	C2,7,10,15,18,19,25,29,32,35,42,46,47	C0603C150J5GAC	Cap, 0603, Ceramic, 15 pF, 5%, 50V, NPO..	Kemet	13
8	C3,40	C0603C104M3RAC	Cap, 0603, Ceramic, 100 nF, 20%, 25V, X7R..	Kemet	2
9	C9,17,34,45	T491A106M016	Cap, A-Case, Tant, 10uF, 16V, 20%	Kemet	4
10	C12,41	278M6301106K	Cap, 0805, Tant, 10uF, 6.3V, 10%, Matsuo	Matsuo	2
11	C30,36,37	EMK107BJ105KA	Cap, 0603, Ceramic, 1 uF, 10%, 16V, X5R, Taiyo Yuden	Taiyo Yuden	3
12	L1	ELJRER10JF2	Ind, 0603, 100nH, 5%	Panasonic	1
13	L6	0603LS-103XJL	Ind, 0603, 10uH, 5%, Coilcraft	Coilcraft	1
14	FB1	BLM21P331SN1B	Ferrite Bead, 0805, 330 Ohm, 1.5A, Murata	Murata	1
15	U1	MIC5213-5.0BC5	IC, Regulator, LDO, 5.0V, 80mA, SC-70, Micrel..	Micrel	1
16	U3	MAX881REUB	IC, Neg. Generator, -4V, 10-uMAX, MAXIM	MAXIM	1
17	J1	A-1JA-CR	Connector, Coax, RF, 3mm SMT, Amphenol	Amphenol	1

\*\* OMIT C4,C6,C38,C39