

26A7 Line Stage

Qty	Parts	Description	Mfg	Mfg PN	Vendor	Vendor PN	Cost Ea	Cost Ext	Vendor 2	Vendor 2 PN	Notes
3	C1, C2, C9	Electrolytic cap, 330uF 100V, 18mm dia 7.5mm L5	Nichicon	UPJ2A331MHD6TN	Mouser	647-UPJ2A331MHD6TN	\$ 1.87	\$ 5.61	DigiKey	493-12286-1-ND	Low-Z electrolytic
2	C3, C4	Film cap, 2.2uF 100V/250V, 15/22/27mm L5	Wima	MKP4D042205I00KSSD	Mouser	505-MKP4D042205I00KS	\$ 2.42	\$ 4.84	DigiKey	1928-1544-ND	Polypropylene
2	C5, C8	Film cap, 1uF 100V, 5mm L5	Wima	MKS2D041001K00MSSD	Mouser	505-MKS2D041001K00MS	\$ 0.82	\$ 1.64	DigiKey	399-19338-ND	Any 1uF 100V film cap
2	C6, C7	Electrolytic cap, 470uF 35V, 13mm dia 5mm L5	Nichicon	UKW1V471MPD	Mouser	647-UKW1V471MPD	\$ 1.11	\$ 2.22	DigiKey	493-15513-ND	Audio grade electrolytic
4	D1, D2, D4, D5	Zener diode, 18V, BZX55-18, DO35	Vishay	BZX55C18-TAP	Mouser	78-BZX55C18-TAP	\$ 0.18	\$ 0.72	DigiKey	BZX55C18-TAPGICT-ND	Any mfg
1	D3	TVS diode, 1.5KE68A	Littlefuse	1.5KE68A	Mouser	576-1.5KE68A	\$ 0.50	\$ 0.50	DigiKey	1.5KE68ALFCT-ND	Any mfg
2	HS1, HS2	Heatsink	Same Sky	HSE-B20381-035H	Mouser	490-HSE-B20381-035H	\$ 1.74	\$ 3.48	DigiKey	HSE-B20381-035H-ND	Or Wakefield 637-15ABPE
2	L1, L2	Common mode inductor, 8111	Bourns	8111-RC	Mouser	542-8111-RC	\$ 9.85	\$19.70	DigiKey	M8906-ND	
4	Q1, Q2, Q3, Q4	MOSFET, depletion, TO220	ixys	IXTP08N100D2	Mouser	747-IXTP08N100D2	\$ 3.68	\$14.72	DigiKey	238-IXTP08N100D2-ND	
2	R1, R10	Resistor, 1/2W+, 22 ohm	Vishay	PR02000202209JA100	Mouser	594-5083NW22R00JA100	\$ 0.35	\$ 0.70	DigiKey	BC4783CT-ND	Any type 1/2W or higher is fine
2	R17, R20	Resistor, 1/2W+, 470k	Vishay	PR02000204703JA100	Mouser	594-5083NW470K0JA100	\$ 0.35	\$ 0.70	Mouser	603-MFR1WSFTE52-470K	Any type 1/2W or higher is fine
2	R18, R19	Resistor, 1/2W+, 200 ohm	Vishay	PR02000202000JR500	Mouser	594-5083NW200R0J	\$ 0.37	\$ 0.74	Mouser	603-MFR-12FTF52-200R	Any type 1/2W or higher is fine
10	R2, R6, R7, R9, R11, R12, R13, R14, R15, R16	Resistor, 1/4W carbon comp, 120 ohms	Allen-Bradley	RC07GF121J	Surplus Sales	RC07GF121J	\$ 0.75	\$ 7.50	PCX	ARCOL-75029	Prefer 1/4W carbon comp, any value 100-200 ohms
2	R3, R5	Resistor, 1/2W+, 100k	Vishay	PR02000201003JR500	Mouser	594-5083NW100K0J	\$ 0.37	\$ 0.74	Mouser	603-MFR1WSFTE52-100K	Any type 1/2W or higher is fine
2	R4, R8	Resistor, 1/4W metal film, 1.0 ohms	KOA	MF1/4DCTS2R1R00F	Mouser	660-MF1/4DCTS2R1R00F	\$ 0.12	\$ 0.24	DigiKey	2019-MF1/4DCTS2R1R00FCT-ND	Generic metal film 1/4W
2	RV1, RV2	Trimpot, 1/4" vertical, 100 ohms	TT Electronics	64WR100LF	Mouser	858-64WR100LF	\$ 2.21	\$ 4.42	DigiKey	987-1582-ND	Bourns 3266W-1-101LF is fine
4	TP1, TP2	Test point	Keystone	5006	Mouser	534-5006	\$ 0.33	\$ 1.32	DigiKey	36-5006-ND	
2	at VT1, VT2	Octal socket PCB mount	Custom Connector	0808-PCB	RS (Allied)	75701449	\$ 1.45	\$ 2.90	eBay		Use your favorite
2	VT1, VT2	26A7 tube	Sylvania, etc.	26A7GT	RES	26A7GT	\$ 7.00	\$14.00	Surplus Sales	(TUR) 26A7GT	

RES www.vacuumtubes.net
Mouser www.mouser.com
Surplus Sales www.surplussales.com
RS www.rs-online.com
PCX www.partsconnexion.com