



SVETLANA 6N1P DUAL AUDIO TRIODE

Miniature glass-envelope small-signal dual triode intended for use as a line-level amplifier or driver in high-quality audio amplifiers. Except for higher heater-current consumption, it is a direct plug-in replacement for the 6DJ8, ECC88 or 6922 in most high-level audio applications. Features include very low distortion—optimized for line stages; medium transconductance; internally shielded between sections, allowing their use at differing signal levels; higher plate-voltage and dissipation rating than 6DJ8 types; and larger cathode than 6DJ8 types, giving it longer life and more transient current capability.

Electrical

Cathode	Oxide-coated, unipotential	
Heater voltage (AC or DC)	6.3 ± 0.6	V
Heater current	600 ± 35	mA
Heater-cathode voltage	± 100	Vpeak
Amplification factor (nominal)	33	
Transconductance (nominal)	7500	μS
Plate resistance (nominal)	4400	Ω
Interelectrode capacitances (typical), per section, with cathode grounded:		

Grid to cathode	3.2	pF
Plate to cathode	1.5	pF
Grid to anode	1.6	pF

Maximum Ratings

DC plate voltage	250	V
Plate dissipation, per triode	2.2	W
Cathode current, continuous, per triode	20	mA
Maximum grid-circuit resistance	0.5M	Ω

