

## 12JN8 THROUGH 12SN7-GTA

---

### DESCRIPTION AND RATING

---

#### 12JN8

---

**12JN8 Triode-Pentode.** The 12JN8 is a miniature tube containing a medium-mu triode and a sharp-cutoff pentode.

Except for heater characteristics and ratings, the 12JN8 is identical to the 6JN8.

#### GENERAL

##### ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC* . . . . .	12.6±1.3	Volts
Heater Current‡ . . . . .	0.225	Amperes

---

#### 12SL7-GT

---

**12SL7-GT Twin Triode.** The 12SL7-GT is a high-mu twin triode designed for use in resistance-coupled circuits as a voltage amplifier or phase inverter.

Except for heater characteristics and ratings, the 12SL7-GT is identical to the 6SL7-GT.

#### GENERAL

##### ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC . . . . .	12.6	Volts
Heater Current . . . . .	0.15	Amperes

---

#### 12SN7-GTA

---

**12SN7-GTA Twin Triode.** The 12SN7-GTA is a medium-mu twin triode suitable for use in a wide variety of general-purpose amplifier and phase-inverter applications.

Except for heater characteristics and ratings, the 12SN7-GTA is identical to the 6SN7-GTB.

#### GENERAL

##### ELECTRICAL

Cathode - Coated Unipotential

Heater Characteristics and Ratings

Heater Voltage, AC or DC . . . . .	12.6	Volts
Heater Current . . . . .	0.3	Amperes

---

### NOTES

- \* The equipment designer should design the equipment so that heater voltage is centered at the specified bogey value, with heater supply variations restricted to maintain heater voltage within the specified tolerance.
- ‡ Heater current of a bogey tube at  $E_f = 12.6$  volts.

The tubes and arrangements disclosed herein may be covered by patents of General Electric Company or others. Neither the disclosure of any information herein nor the sale of tubes by General Electric Company conveys any license under patent claims covering combinations of tubes with other devices or elements. In the absence of an

express written agreement to the contrary, General Electric Company assumes no liability for patent infringement arising out of any use of the tubes with other devices or elements by any purchaser of tubes or others.