

## Product Overview

### MJL21194: Bipolar Transistor, NPN, 250 V, 16 A

For complete documentation, see the data sheet.

The MJL21193 and MJL21194 Bipolar Complementary Audio Power Transistors utilize Perforated Emitter technology and are specifically designed for high power audio output, disk head positioners and other linear applications.

#### Features

- Excellent Gain Linearity
- High SOA: 2.25 A, 80 V, 1 Second
- Total Harmonic Distortion Characterized
- High DC Current Gain -  $h_{FE} = 25 \text{ Min @ } I_C = 8 \text{ Adc}$

#### Benefits

- Accurate reproduction of input signal
- Reliable performance at higher powers

#### Applications

- Professional audio amplifiers

#### End Products

- High-fidelity consumer audio products

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Polarity	$I_C$ Continuous (A)	$V_{CE0(sus)}$ Min (V)	$h_{FE}$ Min	$h_{FE}$ Max	$P_{TM}$ Max (W)	$f_T$ Min (MHz)	Package Type
MJL21194G	2.3999	Pb-free	Active	NPN	16	250	25	75	200	4	TO-264-3

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

Created on: 3/31/2020