

## 产品概览

### NSS40201L: 低饱和压晶体管, NPN, 40 V, 2.0 A

欲看完整文档, 请参阅数据表。

低饱和压双极晶体管是具有超低饱和压和高电流增益能力的微型表面贴装器件。这些器件设计用于需要经济、高效的能量控制的低电压、高速开关应用。

#### 特性

- High Current, Low  $V_{CE(sat)}$ , ESD Robust, High Current Gain, High Cut Off Frequency, Low Profile Package, Linear Gain (Beta)
- NSV Prefix for Automotive and Other Applications Requiring Unique Site and Control Change Requirements; AECQ101 Qualified and PPAP Capable

#### 优势

- Improved Circuit Efficiency, Decreased Battery Charge Time, Reduce component count, High Frequency Switching, Smaller Portable Product, No distortion

#### 应用

- Load Switching, Battery Charging, External Pass Transistor, DC/DC Converter, Complimentary Driver, Current Extention & Low Drop Out Regulation, Cathode Florescent Lamp drive, Peripheral Driver - LEDs, Motors, Relays

#### 器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Polarity	Type	$V_{CE(sat)}$ Max (V)	$I_C$ Cont. (A)	$V_{CEO}$ Min (V)	$V_{CB0}$ (V)	$V_{EB0}$ (V)	$V_{BE(sat)}$ (V)	$V_{BE(0)}$ (V)	$h_{FE}$ Min	$h_{FE}$ Max	$f_T$ Min (MHz)	$P_{TM}$ Max (W)	Package Type
NSS40201LT1G	0.108	Pb-free Halide free	Active	NPN	Low $V_{CE(sat)}$	0.06	2	40	40	6	0.9	0.9	200	-	150	0.54	SOT-23-3
NSV40201LT1G	0.1481	AEC Qualified PPAP Capable Pb-free Halide free	Active	NPN	Low $V_{CE(sat)}$	0.06	2	40	40	6	0.9	0.9	200	-	150	0.54	SOT-23-3

欲了解更多信息, 请联系您当地的销售支援 [www.onsemi.cn](http://www.onsemi.cn)。

创建于: 6/5/2020