

## 製品概要

### NL7SZ58: Flexible Choice Logic (9 Configurable Functions), Inverting

技術情報は、データシートをご参照ください。

The NL7SZ58 is an advanced high-speed CMOS multifunction gate. The device allows the user to choose logic functions AND, OR, NAND, NOR, XOR, INVERT and BUFFER. The device has Schmitt-trigger inputs, thereby enhancing noise immunity. The NL7SZ58 input and output structures provide protection when voltages up to 5.5 V are applied, irregardless of the supply voltage.

### 特長

- High Speed:  $t_{PD} = 3.4 \text{ ns (Typ) @ } V_{CC} = 5.0 \text{ V}$
- Low Power Dissipation:  $I_{CC} = 1 \text{ A (Maximum) at } T_A = 25\text{C}$
- Power Down Protection Provided on inputs
- Balanced Propagation Delays
- Overvoltage Tolerant (OVT) Input and Output Pins
- Ultra-Small Package
- This is a Pb-Free Device

### アプリケーション

- General Purpose Logic

### 最終製品

- Handheld: PDA, Digital Cameras, GPS

### 電氣的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Type	Channels	$V_{CC}$ Min (V)	$V_{CC}$ Max (V)	$t_{pd}$ Max (ns)	$I_O$ Max (mA)	Package Type
NL7SZ58DFT2G	0.0667	Pb-free Halide free	Active	SmartGate	3	1.65	5.5	2.5	32	SC-88-6 / SC-70-6 / SOT-363-6
NLV7SZ58DFT2G	0.1219	AEC Qualified PPAP Capable Pb-free Halide free	Active	SmartGate	3	1.65	5.5	2.5	32	SC-88-6 / SC-70-6 / SOT-363-6

詳細は、弊社 [www.onsemi.jp](http://www.onsemi.jp) の営業または販売代理店にお問い合わせください。

8/5/2020 作成