

## 製品概要

### MC10EP01: 3.3 V / 5.0 V ECL 4-Input OR/NOR Gate

技術情報は、データシートをご参照ください。

The MC10EP01 is a 4-input OR/NOR gate. The device is functionally equivalent to the EL01 device, LVEL01, and E101 (a quad version). With AC performance much faster than the LVEL01 device, the EP01 is ideal for applications requiring the fastest AC performance available. The 100 Series contains temperature compensation.

### 特長

- 230ps Typical Propagation Delay
- Maximum Frequency > 3 GHz Typical
- PECL Mode Operating Range: VCC= 3.0 V to 5.5 V with VEE= 0 V
- NECL Mode Operating Range: VCC= 0 V with VEE= -3.0 V to -5.5 V
- Open Input Default State
- Pb-Free Packages are Available

### アプリケーション

- Hi-Speed AC Performance.

### 電氣的仕様

製品	Compliance	Status	Type	Channels	Input Level	Output Level	V <sub>CC</sub> Typ (V)	f <sub>Toggle Max</sub> (MHz)	t <sub>pd</sub> Typ (ns)	t <sub>Jitter</sub> Typ (ps)	t <sub>R</sub> & t <sub>F</sub> Max (ps)	Package Type
MC10EP01MNR4G	Pb-free Halide free	Active	OR/NOR	1	CML ECL	ECL	5 3.3	3000	0.27	0.2	170	DFN-8

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。

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