

3.3 V/5 V Hex Differential Line Receiver/Driver

MC100EP116

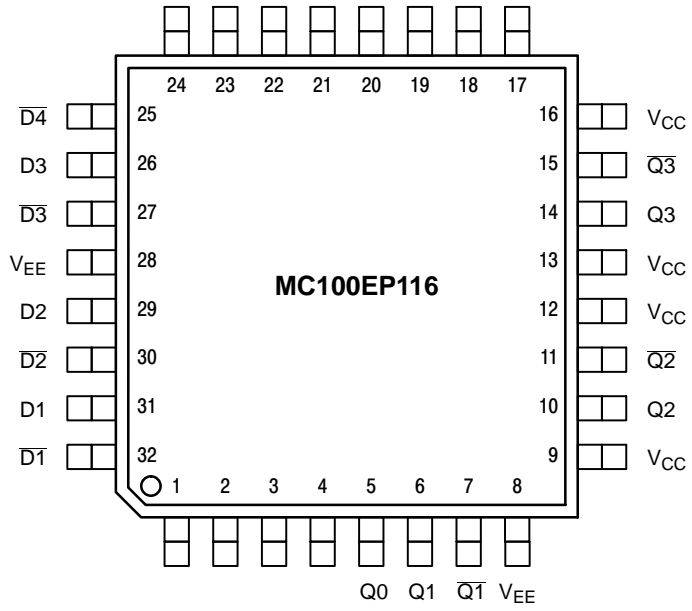
Description

The MC100EP116 is a 6-bit differential line receiver based on the EP16 device. The 3.0 GHz bandwidth provided by the high frequency outputs makes the device ideal for bufferil5 Twpf Q Output Will Default LOW with Inputs Open or at V

EE

- V_{BB} Output
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS

MC100EP116



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Table 4. 100EP DC CHARACTERISTICS, PECL $V_{CC} = 3.3\text{ V}$, $V_{EE} = 0\text{ V}$ (Note 2)

Symbol	Characteristic	-40°C			25°C			85°C			Unit
		Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	
I_{EE} V_{OH}	Power Supply Current	60	75	90	60	80	95	60	85	95	mA

MC100EP116

Table 6. 100EP DC CHARACTERISTICS, NECL $V_{CC} = 0\text{ V}$, $V_{EE} = -5.5\text{ V}$ to -3.0 V (Note 8)

Symbol	Characteristic	-40°C			25°C			85°C			Unit
		Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	
I_{EE}	Power Supply Current	60	75	90	60	80	95				

LQFP-32, 7x7
CASE 561AB
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