

Bipolar IC series for automotive use - data book.

Toshiba Corporation - Nexperia



Description: -

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OPA1612

Clamping diode circuit, using an npn transistor as a diode. If it uses an n-p-n construction sandwich, as in Figure 1 a , it is known as an npn transistor and uses the standard symbol in Figure 1 b.

Application Notes

Internal shutdown functions are provided for overcurrent protection, short-circuit protection, undervoltage lockout and overtemperature. Figure 19 shows — in basic form — a monostable multivibrator or one-shot pulse generator circuit. SPI - M95xxx 4K to 4Mbit 2.

Automotive Serial EEPROM

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Application Notes

In its discrete form, it can function as either a digital switch or as a linear amplifier, and is available in many low, medium, and high power forms. Static equivalent circuits of npn and pnp transistors. This is mainly because the input impedance is LOW as it is connected to a forward biased PN-junction, while the output impedance is HIGH as it is taken from a reverse biased PN-junction.

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