

High-Frequency NPN Transistor Arrays For Low-Power Applications at Frequencies Up to 1.5GHz

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Features

- Gain-Bandwidth Product (f_T) >3GHz
- Five Transistors on a Common Substrate

Applications

- VHF Amplifiers
- VHF Mixers
- Multifunction Combinations - RF/Mixer/Oscillator
- IF Converter
- IF Amplifiers
- Sense Amplifiers
- Synthesizers
- Synchronous Detectors
- Cascade Amplifiers

Description

The CA3227 and CA3246 consist of five general purpose silicon NPN transistors on a common monolithic substrate. Each of the transistors exhibits a value of f_T in excess of 3GHz, making them useful from DC to 1.5GHz. The monolithic construction of these devices provides close electrical and thermal matching of the five transistors.

Ordering Information

PART NUMBER (BRAND)	TEMP. RANGE (°C)	PACKAGE	PKG. NO.
CA3227E	-55 to 125	16 Ld PDIP	E16.3
CA3227M (3227)	-55 to 125	16 Ld SOIC	M16.15
CA3227M96 (3227)	-55 to 125	16 Ld SOIC Tape and Reel	M16.15
CA3246E	-55 to 125	14 Ld PDIP	E14.3
CA3246M (3246)	-55 to 125	14 Ld SOIC	M14.15
CA3246M96 (3246)	-55 to 125	14 Ld SOIC Tape and Reel	M14.15

Pinouts

