

OPERATIONAL AMPLIFIER

CA3037A

General-purpose amplifier used in narrow-band and bandpass amplifier, feedback amplifier, dc and video amplifier, multivibrator, oscillator, comparator, and servo driver applications. 14-lead TO-116 dual-in-line ceramic package; Outline No. 7. For schematic diagram and characteristics curves, see Figs. 196 through 208. This type is identical to type CA3037 except for the following items:

TYPICAL CHARACTERISTICS (At ambient temperature = 25°C,

$$V_{CC} = +6V, V_{EE} = -6V)$$

Input Offset Voltage	V_{IO}	0.9	mV
Input Offset Current	I_{IO}	0.3	μA
Input Bias Current	I_I	2.5	μA
Input Impedance	Z_{in}	20	k Ω
Output Impedance	Z_{out}	160	Ω
Noise Figure	NF	8.3	dB