

# CA3016A

## OPERATIONAL AMPLIFIER

General-purpose amplifier used in narrow-band and bandpass amplifier, feedback, dc and video amplifier, multivibrator, oscillator, comparator, and servo driver applications. 14-lead ceramic-and-metal flat package; Outline No. 3. For schematic diagram and characteristics curves, see Figs. 196, 225, and 226. This type is identical to type CA3016 except for the following items:

### TYPICAL CHARACTERISTICS (At ambient temperature = 25°C,

$$V_{CC} = +12V, V_{EE} = -12V)$$

Input Offset Voltage .....	$V_{IO}$	1	mV
Input Offset Current .....	$I_{IO}$	0.5	$\mu A$
Input Bias Current .....	$I_I$	4.7	$\mu A$
Input Impedance .....	$Z_{in}$	10	k $\Omega$
Output Impedance .....	$Z_{out}$	85	$\Omega$
Noise Figure .....	NF	11	dB