

Special Function

Type	Description	V _{OS} Typ. μ V	$\Delta V_{OS}/\Delta T$ Typ. μ V/ $^{\circ}$ C	$\Delta V_{OS}/\Delta t$ Typ. μ V/yr	I _{BIAS} Typ. nA	CMRR Typ. dB	Package No. of Pins ⁺	V _{ICR}
ICL7605/(C, I, M)	CMOS Commutating Auto-Zero (CAZ) Instrumentation Amplifiers	± 2	0.05	0.5	1.5	100	JN	0.3V Above Supply Rail
ICL7606/(C, I, M)		Uncompensated version of ICL7605					JN	
ICL7600/(I, M)		± 5	0.005	0.2	0.3	88	JD	
ICL7601/(I, M)		Uncompensated version of ICL7600					JD	
ICL8063	Power Transistor Driver	Takes typ. 11-volt output levels from an op amp and boosts them ± 30 volts to drive power transistors such as 2N3055 npn, and 2N3789 pnp. ICL outputs will supply 100 mA to the base leads of the external power transistors. T _A Range: 0 to +70 $^{\circ}$ C, -55 to +125 $^{\circ}$ C					JE PE	
ICL8048/ ICL8049	Log/Antilog Amplifier	1/2% full scale accuracy, Temperature compensated for 0 $^{\circ}$ C to +70 $^{\circ}$ C scale factor 1V/decade, Adjustable 120dB dynamic current range (8048), 60dB dynamic voltage range (8048 & 8049), Dual JFET-Input Op-Amps						
HA-5002	Buffered Amplifiers: Video	Voltage gain: 0.995, High slew rate: 1300V/ μ s, -3dB bandwidth: 110MHz, High output current: 200mA, Pulsed output current: 400mA, Low supply current: 8.3mA, Monolithic construction						
HA-5004		High slew rate: 1200V/ μ s, High output current: ± 100 mA Unity gain bandwidth: 90MHz, Gain range: 1 to 10V/V, Current-mode feedback, Thermal overload protection, Output enable/disable						
HA-5033		Differential phase error: 0.1 $^{\circ}$, Differential gain error: 0.1% High slew rate: 1300V/ μ s, -3dB bandwidth: 250MHz, High output current, Monolithic construction						
HA-2400, 2404, HA-2405, 2406	Addressable Op-Amp	Four channels addressable, High slew rate: 30V/ μ s, Wide gain bandwidth product: 40MHz, High gain: 150K, TTL compatible						
HA-2444	Video Four-Channel Multiplexed Amplifier	Four digitally selectable input channels, 50MHz unity gain bandwidth, 5MHz full power bandwidth, Guaranteed differential phase (0.11 $^{\circ}$) and differential gain (0.04dB)						

+ See interpretation guide and packaging section

Operating Supply Voltage Range:

ICL7600 Series: 4 to 16V, Down to = 2V

ICL7605 Series: 4 to 10V, Down to = 2V

T_A Range:

C Suffix Types: 0 to +70 $^{\circ}$ C

I Suffix Types: -25 to +85 $^{\circ}$ C

M Suffix Types: -25 to $\pm 125^{\circ}$ C

JFET

Type	Description	Features
HA-5242, HA-5243	High-Speed JFET Amp.	100MHz gain bandwidth products (HA-5243), 40MHz unity gain bandwidth (HA-5242) 25pA bias current