

MCCF1558 MCCF1458

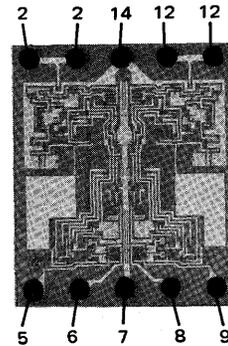
**DUAL MC1741
INTERNALLY COMPENSATED, HIGH PERFORMANCE
MONOLITHIC OPERATIONAL AMPLIFIER FLIP-CHIP**

... designed for use as a summing amplifier, integrator, or amplifier with operating characteristics as a function of the external feedback components.

The MCCF1558 and MCCF1458 employ phosphosilicate passivation that protects the entire die surface area, including metalization interconnects. The bumps are 95-5 solder on a chrome-copper-gold base. The interconnecting metalization is evaporated aluminum.

- No Frequency Compensation Required
- Short-Circuit Protection
- Wide Common-Mode and Differential Voltage Ranges
- Low-Power Consumption
- No Latch Up

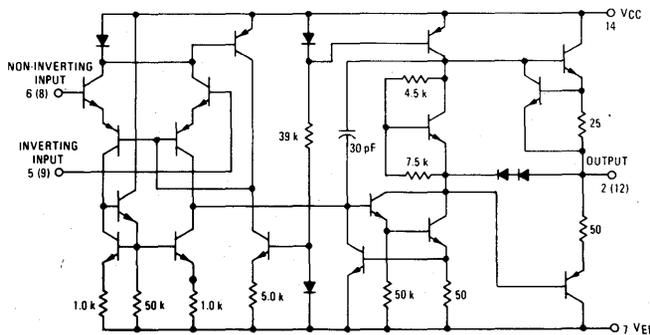
**FLIP-CHIP
(DUAL MC1741)
DUAL
OPERATIONAL AMPLIFIER
MONOLITHIC SILICON
INTEGRATED CIRCUIT**



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MAXIMUM RATINGS ($T_A = +25^\circ\text{C}$ unless otherwise noted.)

Rating	Symbol	MCCF1558	MCCF1458	Unit
Power Supply Voltage	V_{CC} V_{EE}	+22 -22	+18 -18	Vdc
Differential Input Signal	V_{ID}	± 30		Volts
Common-Mode Input Swing	V_{IC}	± 15		Volts
Output Short Circuit Duration	t_S	Continuous		
Operating Temperature Range	T_A	MCCF1558	-55 to +125	$^\circ\text{C}$
		MCCF1458	0 to +75	
Junction Temperature Range	T_J	-65 to +150		$^\circ\text{C}$



The letters without parenthesis represent the pin numbers for 1/2 of the dual circuit, letters in parenthesis represent the pin numbers for the other half.

