

LM741 Operational amplifier IC

Slug: lm741-operational-amplifier-ic



TECHNICAL SPECIFICATIONS & SUMMARY

[Semiconductor ICs] DESCRIPTION:- This IC 741 is 8 pins Operational Amplifier. The LM741 series are general-purpose operational amplifiers which feature improved performance over industry standards like the LM709. They are direct, plug-in replacements for the 709C, LM201, MC1439, and 748 in most applications. LM741 Pin Configuration:- Pin Number Pin Name Description 1, 5 OFFSET NULL Pin used to remove the offset voltage and balance input voltage. 2 INPUT- Inverting signal Input 3 INPUT+ Non-Inverting signal Input 4 V- Ground or Negative Supply Voltage 6 OUTPUT The output of op amp 7 V+ Positive Supply Voltage 8 NC Not connected LM741 Op-Amp IC Features and Specifications:- LM741 has only one op-amp inside, there are some op-amp IC's having more than one op-amp like LM358, LM148, LM248, LM348 Provided with short circuit and overload protection. Low power consumption. Large common mode rejection ratio (CMRR) and differential voltage ranges. No external frequency compensation is required. Prevent from latch-up when the common-mode range is

UNIT PRICE (EX. GST)

Rs. 15

WITH 18% GST

Rs. 18

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