



**LINEAR
INTEGRATED
CIRCUITS**
- OPERATIONAL -
- AMPLIFIERS -

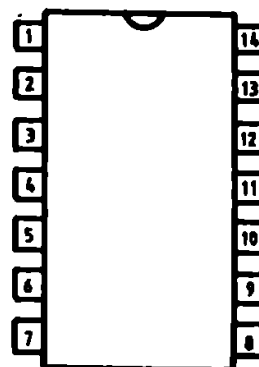
\$ **BM 747E**
\$ **BM 747C**
DUAL OPERATIONAL AMPLIFIERS

The BM 747 series are general purpose dual BA 741 type operational amplifiers. They feature internal frequency compensation, short-circuit protection, wide common-mode and differential voltage ranges, no latch-up, balanced offset null, independent networks and V+ supply leads for improved isolation between amplifiers and application flexibility. In addition to industry standard types, the I.P.R.S. series uses a thermally balanced input stage design employing cross-coupled transistor quads which provides low VDS, TCVoS, TCIOs, insensitivity to output load conditions and improved channel separation. The BM 747 can be used anywhere multiple BA 741 type amplifiers are being used and in applications where amplifier matching is required.

Features

- Input offset voltage	BM 747E ...	max.	3 mV
	BM 747C ...	max.	6 mV
- Input bias current	BM 747E ...	max.	80 nA
	BM 747C ...	max.	500 nA
- Large signal voltage gain		typ.	400 V/mV
- Common-mode rejection ratio	BM 747E ...	min.	80 dB
	BM 747C ...	min.	70 dB
- Supply voltage rejection ratio ...	BM 747E ...	min.	86 dB
	BM 747C ...	min.	77 dB

1. Inverting input A
2. Non-inverting input A
3. Offset null A
4. V-
5. Offset null B
6. Non-inverting input B
7. Inverting input B
8. Offset null B
9. V+ B
10. Output B
11. NC
12. Output A
13. V+ A
14. Offset null A



PACKAGE TO-116 / TOP VIEW

\$ Preliminary data