TDA 1029

2 CHANNELS - 4 INPUTS SIGNAL - SOURCES SWITCH

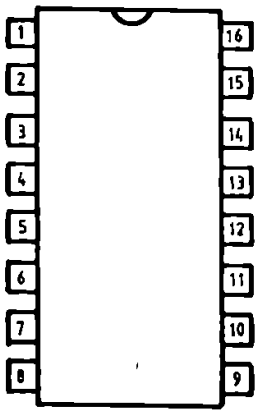
The TDA 1029 is a dual operational amplifier connected as an impedance converter. Each amplifier has 4 switchable inputs which are protected by clamping diodes. The input currents are independent of the switch position and the outputs are short-circuit protected.

The device is intended as an electronic 2 - channel signal - source in AF amplifiers.

Features

- Operating temperature		-25 ...	+70 oC
- Storage temperature		-25 ...	+125 oC
- Supply voltage	max.		23 V
- Supply current	typ.		4.0 mA
- Input signal handling	max.		6 Vrms
- Input current	max.		20 mA
- Switch control current	max.		50 mA
- Input offset voltage of switched-on input	max.		10 mV
DC input voltage		3 ...	19 V
- Supply voltage rejection ratio (Ri<10kohms)	typ.		100 uV/V
- Voltage gain of a switched-on amplifier	typ.		1.0 -
- Output current	min.		5 mA
- Frequency limit of the output voltage	typ.		1.3 MHz
- Slew rate	typ.		2 V/us

1. Input 1A
2. Input 1B
3. Input 1C
4. Input 1D
5. Input 2A
6. Input 2B
7. Input 2C
8. Input 2D
9. Output 2
10. Reference voltage
11. Control 4
12. Control 3
13. Control 2
14. V+
15. Output 1
16. GND



PACKAGE MP-117 / TOP VIEW