

TDA 1028

4 CHANNELS - 2 INPUTS SIGNAL - SOURCES SWITCH

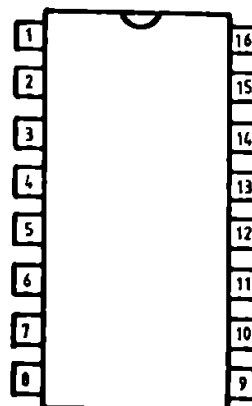
The TDA 1028 is a quadruple operational amplifier connected as an impedance converter. Each amplifier has 2 switchable inputs which are protected by clamping diodes. The input currents are independent of the switch position and the outputs are short-circuit protected.

The device is intended as an electronic 4 - 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. 2.5 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. Control 1 ; 2
- | 2. Input 1B
- | 3. Input 1A
- | 4. Output 1
- | 5. Output 3
- | 6. Input 3A
- | 7. Input 3B
- | 8. Control 3 ; 4
- | 9. V+
- | 10. Input 4B
- | 11. Input 4A
- | 12. Output 4
- | 13. Output 2
- | 14. Input 2A
- | 15. Input 2B
- | 16. GND



PACKAGE MP-117 / TOP VIEW