

Display Drivers

U 2066 B · U 2067 B · Low cost stereo LED scale controller for radio, amplifier or cassette recorder

Supply voltage range	Pin 16	V_S	7...18	V
Total supply current	Pin 16	I_S	35	mA
LED current source		I_o	15	mA

Features:

- Wide supply voltage range
- Constant LED current
- Low power dissipation due to series connection of LEDs
- Different colour LEDs can be mixed easily
- One operational amplifier per channel
- Logarithmic scale division
- Threshold intervals:
5 dB - 5 dB - 3 dB - 3 dB (U 2066 B)
2 dB - 2 dB - 2 dB - 2 dB (U 2067 B)

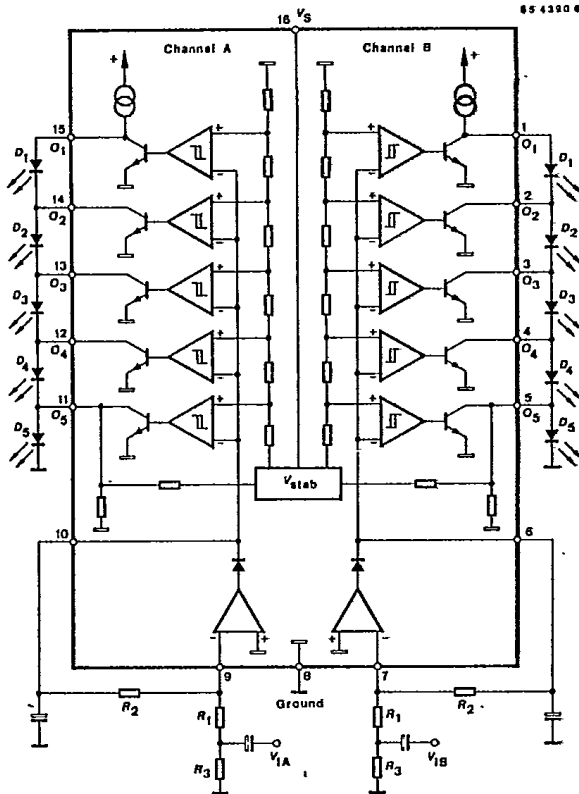
Case:

DIP 16
Dimensions see page 63
Number 105

LEDs: e.g. TLS. 5100

Channel B	Channel A
1 LED-Output O_1	9 OP AMP "negative"-Input
2 LED-Output O_2	10 Rectifier output
3 LED-Output O_3	11 LED-Output O_5
4 LED-Output O_4	12 LED-Output O_4
5 LED-Output O_5	13 LED-Output O_3
6 Rectifier output	14 LED-Output O_2
7 OP AMP "negative"-Input	15 LED-Output O_1
8 Ground (GND)	16 Supply voltage V_S

Block diagram and pin connections



U 2068 B · Stereo volume indicator for 2 x 5 LEDs and two headphone amplifiers for radio and cassette recorder

Supply voltage range	Pin 20	V_S	7...18	V
Total supply current	Pin 20	I_S	40	mA
LED current source		I_o	15	mA

Features:

- Large supply voltage range
- Constant LED current
- Low power dissipation due to series connection of LEDs
- Different colour LEDs can be mixed easily
- One independent connectable operational amplifier per channel
- Logarithmic scale division with intervals:
6 dB - 6 dB - 3 dB - 3 dB

Case:

DIP 20
Dimensions see page 63
Fig. 107

LEDs: e.g. TLS. 5100

Channel B	Channel A
1 LED-Output O_1	11 OP AMP "positive"-Input
2 LED-Output O_2	12 OP AMP "negative"-Input
3 LED-Output O_3	13 OP AMP-Output OUT
4 LED-Output O_4	14 Comparator input V_i
5 LED-Output O_5	15 LED-Output O_5
6 Comparator input V_i	16 LED-Output O_4
7 OP AMP-Output OUT	17 LED-Output O_3
8 OP AMP "negative"-Input	18 LED-Output O_2
9 OP AMP "positive"-Input	19 LED-Output O_1
10 Ground (GND)	20 Supply voltage V_S

Block diagram and pin connections

