

DIGITAL LAB IDL-800



Specifications

1. Solderless breadboard: AD-200

Interconnected nickel plated with a total of 1896 tiepoints in total, fitted all DIP size and components with lead and solid wire in diameter of AWG #22-30 (0.3 – 0.8 mm)

2. DC Power supply

Variable DC Power:

Positive output voltage: 0 to +15 V.
Negative output voltage: 0 to -15 V.
Maximum output current: 300 mA.
Line regulation: < 0.05% /V (Ta=25°C)
Load regulation: < 30mV /V (Ta=25°C)

Fixed power output supply:

Positive output voltage: 5V ± 0.25 V.
Maximum output current: 1 Amp.
Line regulation: < 50 mV.
Load regulation: < 100 mV.
Negative output voltage: -5 V ± 0.25 V.
Maximum output current: 100mA.
Line regulation: < 25 mV.
Load regulation: < 30mV.

All DC power supplies equipped with short circuit protection.

3. Function generator:

Frequency range:

1 Hz ~ 10 Hz
10 Hz ~ 100 Hz
100 Hz ~ 1K Hz
1K Hz ~ 10K Hz
10K Hz ~ 100K Hz

Sine wave output: 0 to 8 Vpp Variable.

Triangle wave output: 0 to 6 Vpp Variable.

Square wave output: 0 to 8 Vpp Variable.

4. Digital voltmeter:

3 1/2 digits LED display.

4 ranges:

0 – 199.9 V full scale.
0 – 19.99 V full scale.
0 – 1.999 V full scale.
0 – 199.9 mV full scale.

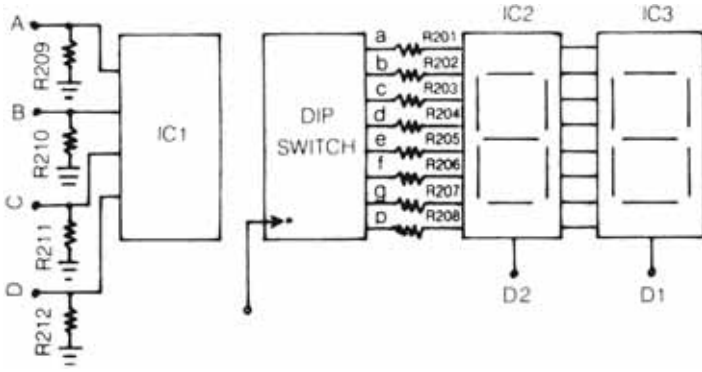
Input impedance: 10 M Ω for any range.

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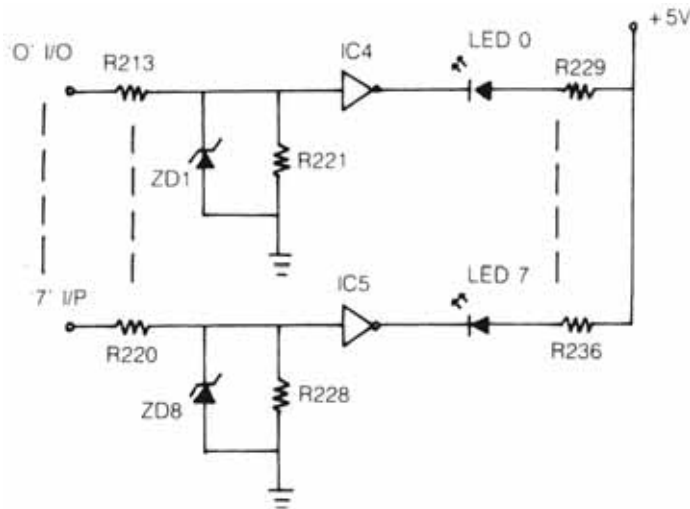
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5. Two digits of 7 segment LED display:
Common cathode operation.



6. Four point tip/ banana socket/ BNC socket exchange adapters.

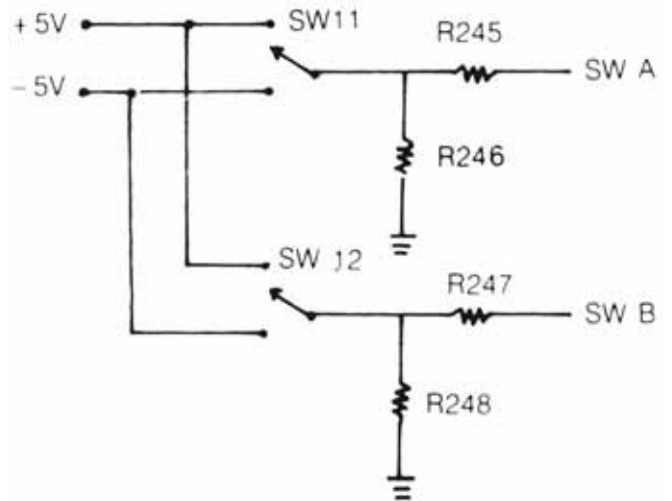
7. Eight buffered LED displays:



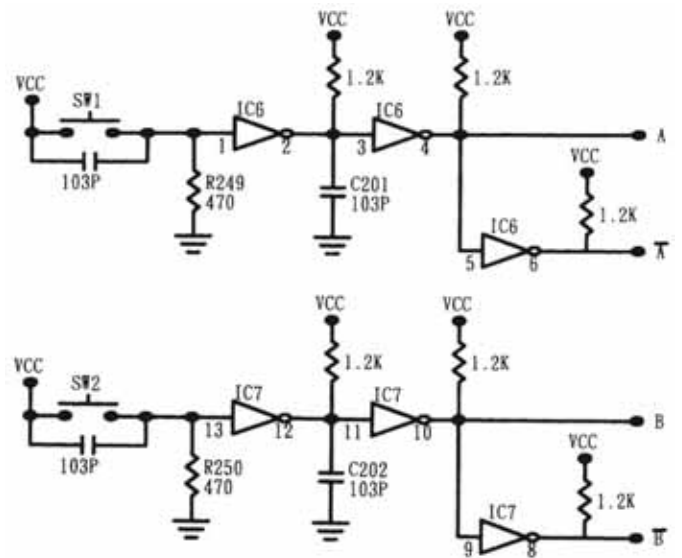
8. Eight data switches:



9. Two function switches:



10. Two pulse switches



11. Dimensions: 480 x 360 x 200 mm (LxWxH)

12. Weight: 4.2kg

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