



**38715** Digital to Analog Converter composed of devices that transform a digital word into analog signal. The Digital to Analog Converter 3815 demonstrates three techniques :

- 4 bit weighted resistor discrete D/A Converter
- 4 bit R-2R ladder discrete D/A Converter
- 8 bit monolithic D/A Converter

#### Features

1. Self contained Sciencetech 2602
2. Discrete & monolithic D/A conversion
3. On board Function Generator & Counter
4. Functional blocks indicated on board mimics
5. Online Product Tutorial
6. Built in DC Power Supply
7. Compact size

#### Object

1. Functional verification of weighted resistor D/A Converter
2. Record the transfer characteristics of weighted resistor D/A Converter
3. Functional verification of D/A Converter with ladder network
4. Record of transfer characteristic of the ladder network D/A Converter
5. Functional verification of an integrated D/A Converter

#### Technical Specifications

D/A Conversion	:	2.4 bit R-2R ladder network
	:	1.4 bit weighted resistor
	:	3.8 bit monolithic D/A Converter
Signal Source	:	DC Supply with toggle switches
O/P Indication	:	On DMM or Oscilloscope
Interconnections	:	2mm banana sockets
Power Supply	:	110-220 V $\pm$ 10%, 50/60 Hz
Dimensions (mm)	:	W 326 x D 252 x H 52
Weight	:	2 Kgs approximately

#### Included Accessories

Patch cord 16" (2mm)	:	17 nos.
Mains cord	:	1 no.

Note: Specifications are subject to change.

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