



**Sciencetech 2602 Digital to Analog Converter** composed of devices that transform a digital word into analog signal. The Digital to Analog Converter

Sciencetech 2602 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

- Self contained Sciencetech 2602
- Discrete & monolithic D/A conversion
- On board Function Generator & Counter
- Functional blocks indicated on board mimics
- Online Product Tutorial
- Built in DC Power Supply
- Compact size

### Scope of Learning

- Functional verification of weighted resistor D/A Converter
- Record the transfer characteristics of weighted resistor D/A Converter
- Functional verification of D/A Converter with ladder network
- Record of transfer characteristic of the ladder network D/A Converter
- Functional verification of an integrated D/A Converter

### Technical Specifications

<b>D/A Conversion</b>	:	2.4 bit R-2R ladder network
	:	1.4 bit weighted resistor
	:	3.8 bit monolithic D/A Converter
<b>Signal Source</b>	:	DC Supply with toggle switches
<b>O/P Indication</b>	:	On DMM or Oscilloscope
<b>Interconnections</b>	:	2mm banana sockets
<b>Power Supply</b>	:	110-220 V $\pm$ 10%, 50/60 Hz
<b>Dimensions (mm)</b>	:	W 326 x D 252 x H 52
<b>Weight</b>	:	2 Kgs approximately
<b>Product Tutorial</b>	:	Online on <a href="http://www.SciencetechLearning.com">www.SciencetechLearning.com</a>
<b>Included Accessories :</b>		
Patch cord 16" (2mm)	:	17 nos.
Mains cord	:	1 no.