



Sciencetech TechBooks are compact and user friendly learning platforms to provide a modern, portable, comprehensive and practical way to learn Technology. Each TechBook is provided with detailed Multimedia learning material which covers basic theory, step by step procedure to conduct the experiment and other useful information.

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 TechBook
- 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

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
Product Tutorial	:	Online on www.SciencetechLearning.com
Included Accessories :		
Patch cord 16" (2mm)	:	17 nos.
Mains cord	:	1 no.