



Sciencetech 2601 Analog to Digital Converter composes of the devices transforming an analog signal into discrete signals. It converts continuously varying signal with time into discrete signal. The Analog to Digital converter Sciencetech 2601 TechBook demonstrates two techniques :

- 4 bit stair case ramp ADC
- 8 bit successive approximation ADC

Features

- 4 bit discrete & 8 bit monolithic converters
- Unipolar & Bipolar DC Voltages
- O/P status displayed by LED
- Functional block indicated on board mimic
- Built in DC Power Supply

Scope of Learning

- Analysis of operation of counter converter
- Testing the working of a monolithic converter

Technical Specifications

A/D Conversion

4 bit discrete (ramp)

8 bit monolithic converter

Signal Source : Unipolar & Bipolar DC voltages

O/P Indication : By LEDs separate for each type

Inter connections : 2 mm banana socket

Dimensions (mm) : W 326× D 252 × H 52

Weight : 1 Kg approximately

Power Supply : 110-220 V, $\pm 10\%$, 50/60 Hz

Power Consumption: 3 VA approximately

Product Tutorial : Online on

Included Accessories :

Patch cord 16" (2mm): 16 nos.

Mains cord : 1 no.