**38714** 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 38714 TechBook demonstrates two techniques :
- 4 bit stair case ramp ADC
- 8 bit successive approximation ADC

## Features
1. 4 bit discrete & 8 bit monolithic converters
2. Unipolar & Bipolar DC Voltages
3. 0/P status displayed by LED
4. Functional block indicated on board mimic
5. Built in DC Power Supply

## Object
1. Analysis of operation of counter converter
2. 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 |
| 0/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, ±10%, 50/60 Hz |
| Power Consumption | : | 3 VA approximately |

## Included Accessories :
| | | |
|---|---|---|
| Patch cord 16" (2mm) | : | 16 nos. |
| Mains cord | : | 1 no. |

Note: Specifications are subject to change.

**Tesca Technologies Pvt. Ltd.**
IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302022, Rajasthan, India, Mob./Whatsapp: +91-9829132777; Email: info@tesca.in, Website: www.tescaglobal.com