



Email : sales@engineeringlabequipments.com

Product Name :
Digital To Analogue Converters

Product Code :
ENGLABINGCAG14900010



Description :

Digital To Analogue Converters

Technical Specification :

This board allows the study of the operating principle and of the main characteristics of a digital-to-analogue converter.

The board is composed of 3 independent sections:

A weighed resistances discrete components D/A converter

A discrete components D/A converter in a R-2R network

A monolithic 11 bit D/A converter

While the first two sections are used to highlight the operating principle of two different D/A converters, the third one is used to analyse the operating modes and the characteristics of the converters that are commercially available.

The board is supplied complete with a set of stackable, plug-in cables of suitable lengths and colours and with a training manual.

Power supply: ± 15 Vdc, 200 mA and + 5Vdc, 200mA

Experiments of Digital To Analogue Converters

Analysis of the operation of a weighed resistances converter

Analysis of the operation of a converter in a R-2R network

Analysis of the conversion errors

Analysis of the operation and of the main characteristics of a monolithic converter



Engineering Lab Equipment India