NAUGRA®

Product name:	Product code:
Analog Communication Trainer	EEN0019



Description

Analog Communication Trainer

Technical specification

Specifications :

Module One : Second Order Active Filters

Second Order Active Low-pass Filter

Second Order Active High -pass Filter

Second Order Active Band -pass Filter

Second Order Active Band -stop Filter

Module Two : AM Modulator & Demodulator

AM Modulator : Transistor AM Modulator

MC1496 AM Modulator

AM Demodulator : AM Diode Detector

AM Product Detector

Module Three : DSB-SC and SSB Modulator & Demodulator

DSB-SC and SSB Modulator : DSB-SC Modulator

SSB Modulator

DSB-SC and SSB Demodulator : DSB-SC Product Detector

SSB Product Detector

Module Four : FM Modulator & Demodulator

FM Modulator : MC4046 FM Modulator

LM566 FM Modulator

FM Demodulator : MC4046 FM Demodulator

LM565 FM Demodulator

Module Five : TDM Multiplexer & Demultiplexer

TDM Multiplexer : Waveform Generator

TDM Multiplexer

TDM Demultiplexer : TDM Demultiplexer

Module Six : FDM Multiplexer

FDM Multiplexer : FDM Signal Generator

DSB-SC Modulated Signal Generator

FDM Multiplexer : FDM Demodulator

FDM Demultiplexer

Module Seven : Analog to Digital Converter

Analog to digital converter : ADC0804 Analog to digital converter

ADC0809 Analog to digital converter

Function Generator

Ports : Two signal outputs ports

Frequency range : 10Hz ~ 100KHz

100Hz ~ 1MHz

Waveforms : Sine, Triangle, Square, TTL Plus

Amplitude : 10Vpp

Built In 6 digit frequency counter

Large 0.5 LED / LCD display

Overload protection

D C POWER SUPPLY

Triple bipolar voltage outputs

Consultant voltage operation

Low ripple & noise

Constant voltage output : ±5V, ±12V

Variable voltage output : 0V ~ ±15V

NAUGRA®

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