

**Product Name :**  
Analog Communication Trainer

**Product Code :**  
Lab Trainers0001



**Description :**

Analog Communication Trainer We are Leading Supplier of Analog Communication Trainer in India. We also bulk supply Analog Communication Trainer for laboratory tenses. Features :  
• To understand the basic theory of Analog Communication System  
• Design & implementation ability training of Analog Modulator & Demodulator  
• To understand the applications of Analog Modulator & Demodulator  
Descriptions : Design & implementation of second order active filters and RF oscillators  
Design & implementation of AM and FM Modulator & Demodulator  
Design & implementation of DSB/SC and SSB Modulator & Demodulator  
Design & implementation of TDM and FDM Multiplexer & Demultiplexer  
Design & implementation of Frequency converter & signal recovery circuits  
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  
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 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 :  $\pm 5V$ ,  $\pm 12V$   
Variable voltage output :  $0V \sim \pm 15V$

## Naugra Export

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