

Product Name :
Mobile Communication Trainer

Product Code :
Lab Trainers0020



Description :

Mobile Communication Trainer

We are Leading Supplier of Mobile Communication Trainer in India. We also bulk supply Mobile Communication Trainer for laboratory tensors.

Technical Specifications :

Display : 16 character x 2 lines

keyboard : 4 lines x 4 columns

DTMF (Dual Tone multi Frequency) : Telephone tone generator and 2 Band filter decoder

DSP IC :

it generates DTMF signal

it uses the keyboard for data input

it shows the number selected on the display

PIC IC manages : Display, Keyboard and Calls

Built in loudspeaker with adjustable power amplifier

Selections : Dialing, incoming Call answer and Radio channel

Channel coding :

PCM (Pulse Code Modulation)

8 bit word : 13 bit linear to pseudo log 8 bits ADC (and DAC) by data companding

8 KHz sampling frequency
baud rate of 64 kb/s
TDMA Frame : 4 user time slots, 1 synchronism time slot, Time slot display
Smoothing Filter
UHF Transmitter and Receiver :
4 selectable channels by PLL circuit
RF channel frequency : 2400 to 2481 MHz
In/Out Impedance : 50Ω
Transmitter Output RF Power : 10 dBm
Channel noise simulator
Channel Attenuation simulator
2 stylus Antennas
Compact and strong metal box including :
lift able cover with block diagram
Electronic components and power supply
Fault simulator : protected with key locked cover and including 10 faults insertable by switches
Cable and Microphon

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