Order Code - 10946
EPABX Trainer

EPABX Trainer is a Microprocessor based system designed to help the students to understand the basic concept and working of a Telephone Exchange. All the components are mounted on a single PCB in functional blocks and have various Test points to monitor all kinds of telephonic signals.

Features

- Non-Blocking type tone dialling,
- Distinctive Ringing,
- DTMF/ Pulse Dialing, Music on hold,
- Line Status Indication on the Exchange,
- Executive Telephone with special features,
- Control methods,
- Abbreviated Dialing,
- Automatic Call Back,
- Barge-in-with/ without tone,
- Call camp-on, Call Parking,
- Call Pick-up, Call Restriction,
- Call transfer,
- Call Forwarding,
- Follow me,
- Conference 4-Party,
- Direct outward dialing,
- Do not Disturb,
- Extension Privacy,
- Extension to Extension Call,
- Hotline on Extension,
- Hunting Group,
- Last Number Redial,
- Selective Trunk Line Access,
- Simultaneous Ringing,
- Wake up Alarm/ Reminder Call.

Specification

- No. of Subscribers : Two DOT Lines, Four Extension Lines
- Line Section : Opto Isolation for Trunk Lines and 4 Extension Lines.
- Tone Generation : Dial Tone, Busy Tone, Ring Back Tone, Hold-on music etc.
- CPU Section : 89E516RD Microcontroller based stored program control.
- Memory : 72KB Program memory, 1KB RAM.
- Speech Path : Fully Non- Blocking.
- Loop Resistance
  - Extension : 600 Ohms.
  - Co-line : 1200 Ohms.
- Cross Talk Attenuator : >70dBm.
- Idle Channel Voice : >70 dBm.
- Insertion Loss : Extension to Extension not Less than 60 dBm. Extension to DOT Line not Less than 60 dBm.
- Dial Pulse Ratio : 10pps +/-,10%
- Input Power : 230V AC, 50Hz.
- Longitudinal Balance : 60dBm.
- Switch Faults : 8 Switch Faults are provided on board to study different effects on circuit.
- Test Points : 46 Nos.
- Power Requirement : +11V, +23V, +5V, +15V.

Optional

- Telephone set : 4 Nos.

Note: Specifications are subject to change.

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