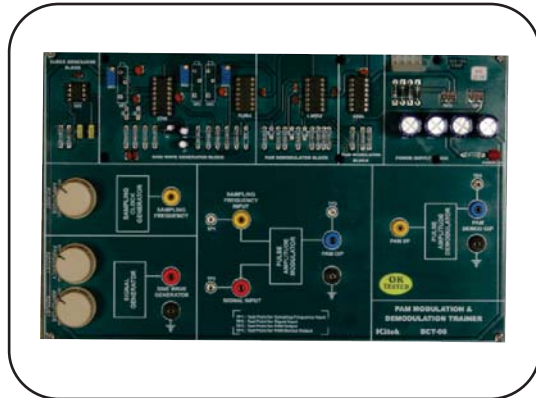


BCT - 06

PAM MODULATION & DEMODULATION KIT



Features

- **Sine Wave Generator**
 - Provides Sine waveform output using IC 2206.
 - Frequency variable from 100 Hz.-1.5 KHz. in three steps
 - Amplitude variable up to Maximum 5V p-p.
- **Carrier Generator**
 - Carrier Generation using IC 555
 - Provides Carrier waveform variable output of 6KHz to 50KHz.
- **On-board Block features**
 - PAM -modulator circuit using IC 4066.
 - PAM -Demodulator using Low Pass Filter method by using IC Lm324.
 - Block Description Screen printed on glassy epoxy PCB.
- **Interconnections.**
 - All interconnections are made using 2mm banana Patch cords.
 - Test points are provided to analyze signals at various points.
 - All ICs are mounted on IC Sockets.
 - Bare board Tested Glass Epoxy SMOBC PCB is used.
 - In-Built Power Supply of $\pm 12V/250mA$ with Power ON indication.
 - Attractive Housed in ABS Plastic enclosures.
 - Set of 2mm Patch cords for interconnections.
 - User's Manual with sample experimental programs.

BCT - 07

PWM MODULATION & DEMODULATION KIT



Features

- **Sine Wave Generator**
 - Provides Sine waveform output using IC 2206.
 - Frequency variable from 1KHz.-1.2 KHz.
 - Amplitude variable up to Maximum 10V p-p
- **Sampling Frequency Generator**
 - Sampling Frequency generation using LM565 and 74163
 - Provides Sampling Frequency TTL output of 34 KHz.
- **On-board Block features**
 - PWM -modulator circuit using IC 555
 - PWM -Demodulator Low Pass Filter method by using IC TL084
 - Block Description Screen printed on glassy epoxy PCB.
- **Interconnections**
 - All interconnections are made using 2mm banana Patch cords.
- Test points are provided to analyze signals at various points.
- All ICs are mounted on IC Sockets.
- Bare board Tested Glass Epoxy SMOBC PCB is used.
- In-Built Power Supply of $\pm 12V/250mA$ with Power ON indication.
- Attractive Housed in ABS Plastic enclosures.
- Set of 2mm Patch cords for interconnections.
- User's Manual with sample experimental programs.

Note : Specifications can be altered without notice in our constant efforts for improvement.