

Order Code - 40630 are compact and user friendly learning platforms to provide a modern, portable, comprehensive and practical way to learn Technology. Each 40630 provided with detailed Multimedia learning material which covers basic theory, step by step procedure to conduct the experiment and other useful information.

Order Code - 40630 provides an extensive hands on ASK, FSK, BPSK, DBPSK Modulator & Demodulator.

OBJECT

01 Amplitude Shift Keying Modulation & Demodulation Objectives:

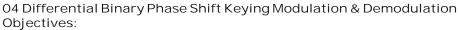
- 01 Study and analysis of Amplitude Shift Keying Modulation
- 02 Study and analysis of Amplitude Shift Keying Demodulation.
- 03 Study and analysis of Integrator and Comparator block

02 Frequency Shift Keying Modulation & Demodulation Objectives:

- 01 Study and analysis of Frequency Shift Keying Modulation
- 02 Study and analysis of Frequency Shift Keying Demodulation.
- 03 Study and analysis of Integrator and Comparator block.

03 Binary Phase Shift Keying Modulation & Dmodulation Objectives:

- 01 Study and analysis of Binary Phase Shift Keying Modulation.
- 02 Study and analysis of Binary Phase Shift Keying Demodulation.
- 03 Study and analysis of Integrator and Comparator block.



- 01 Study and analysis of Differential encoder and decoder.
- 02 Study and analysis of Differential Binary Phase Shift Keying Modulation.
- 03 Study and analysis of Differential Binary Phase Shift Keying Demodulation.

FEATURES

- 01 Personalized Learning platform
- 02 On-board Data Generator with various data patterns
- 03 Selectable data frequencies and data patterns

TECHNICAL SPECIFICATION

01 Modulation & Demodulation Techniques : ASK, FSK, BPSK, DBPSK 02 Internal Data Generator : Digital data (PNS)

03 Data Pattern : 8-Bit, 16-Bit, 32-Bit, 64-Bit

04 Frequency : 2KHz, 4KHz, 16KHz
05 Internal Carrier Generator : Direct DigitalSynthesized

05 Internal Carrier Generator : Direct DigitalSynthesized 06 Carrier Signal : Sine

07 Number of Test Points : 39 nos.
08 Crystal Frequency : 4.096MHz
09 Selection Mode : atch cords

10 Operating Condition : 0-40° C, 85% RH
11 Power Supply : 230V AC, 50Hz
12 Weight : 4.5 Kg (approx)
13 Dimensions (mm) : W415xD165xH315

LIST OF ACCESSORIES:

01 Patch cord 2mm length 50cm. Red.......04 02 Patch cord 2mm length 50cm. Black.......03

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,

Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com

Website: www.tesca.in

