



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

Sciencetech TechBook 2805 provides an extensive hands on learning on Digital Companding A-Law and μ -Law.

Features

- Compression and Decompression of data on same board
- On-board DDS Signal Generator
- Can be issued just like a book for hands-on learning

Scope of Learning (Experimentation)

A-Law and μ -Law Companding

Study and analysis of

- A-law Compression
- μ -law Compression
- A-law Decompression

Technical Specifications

Compression and Decompression

Techniques	: A-Law μ -Law
Signal Generator	: Direct Digital Synthesizer Generated Sine wave 14 Bit data input through Dip switch.
SMD LED Indicators	: 73nos, for Dip based input data Compressed output Decompressed output Technique selection
Crystal Frequency	: 8MHz
Test Points	: 37nos
Product Tutorial	: Online on www.SciencetechLearning.com
Dimensions (mm)	: W 326 x D 252 x H 52
Power Supply	: 110V - 260V AC, 50/60Hz
Weight	: 1.5Kg (Approximately)
Operating Conditions	: 0-40°C, 85% RH
Included accessories	: 2mm Patch cord - 2nos FRC Cable 16 pins -1no.