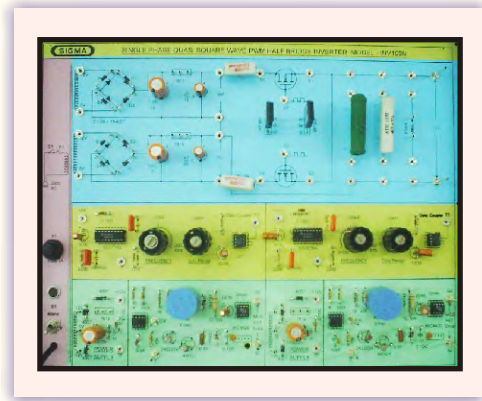




SINGLE PHASE QUASI SQUARE WAVE PWM HALF BRIDGE INVERTER

MODEL-INV100N

This trainer has been designed with a view to provide practical and experimental Knowledge of Single phase quasi square wave PWM half bridge Inverter on a Single P.C.B.



SPECIFICATIONS

1. Power supply requirement : 230V AC, Single Phase.
2. Following parts provided on Single PCB with connecting terminals.
 - MOSFET : 2 Nos.
 - 1N4007 Diode : 8 Nos.
3. Two mains Transformer with step down AC Voltages: 12 V / 250 mA
4. Load Resistor : 1K, 10W and 1K 10W with 25mH coil.
5. Built-in Digital PWM Control circuit.
 - . PWM Frequency : 2KHz to 200KHz.
 - . PWM Duty cycle : Variable from 0 to 100%
- 6.. Accessories : 1. Training Manual

EXPERIMENTS

1. To verify Characteristics of Single phase quasi square wave PWM half bridge Inverter.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

Sigma Trainers and Kits
E-113, Jai Ambe Nagar,
Near Udgam School,
Thaltej,
AHMEDABAD - 380054.
INDIA.

Phone(O): +91-79-26852427/ 26850829
Phone(F): +91-79-26767512/ 26767648
Fax : +91-79-26840290/ 26840290
Mobile : +91-9824001168
Email : sales@sigmatrainers.com
: sigmatrainers@sify.com
Web : www.sigmatrainers.com

Dealer:-