



# 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.

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