

# MRF24301H—Next-gen 2.45 GHz LDMOS technology enabling higher gain and efficiency

## MRF24301HR5

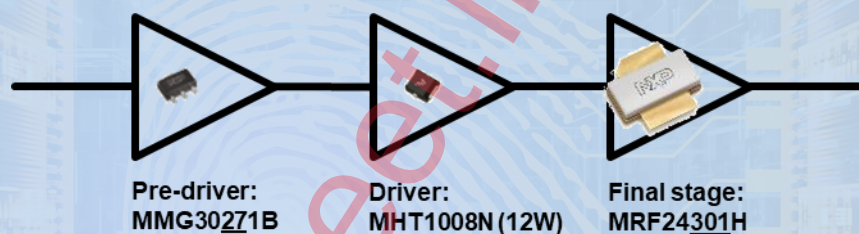


32V

300W CW—2.4 - 2.5 GHz

## Introducing the MRF24301HR5

- 300 W CW
- 2400—2500 MHz
- 32 V LDMOS
- High Efficiency: 62%
- Input and output pre-matched
- Single Ended
- NI-780 air cavity ceramic package
- Ruggedness handles 5:1 VSWR



**Typical Applications** - Industrial heating, Sterilization, Pasteurization, Industrial drying, Moisture leveling process, Curing, Welding, Heat sealing, Microwave ablation, Renal denervation, Diathermy

### Available Reference Circuits

| Frequency | Application | Power (W) | Gain (dB) | Drain Eff. (%) | Size (Inch) |
|-----------|-------------|-----------|-----------|----------------|-------------|
| 2450 MHz  | Industrial  | 300 CW    | 13.5      | 62             | 2 x 3       |



### ORDERABLE PART #

MRF24301H(S)R5

### IMPORTANT ORDERING INFORMATION

AVAILABLE NOW

Samples Available Now!

