

MRF085H— NXP's new wideband, high efficient transistor

MRF085HR5



50V

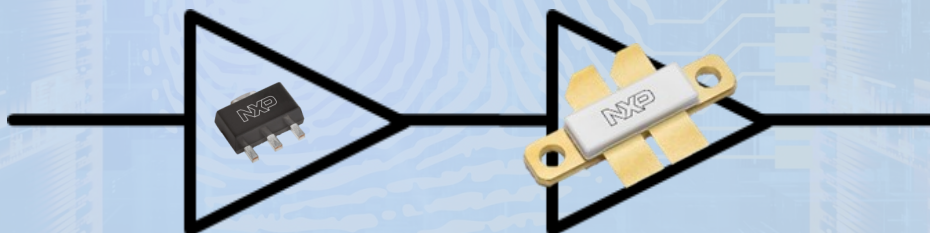
85 W CW—1.8 - 520 MHz

Introducing the MRF085H

- Designed for wideband communications
- High efficiency
- Same footprint as existing solutions in the market (same package)
- Unmatched input and output, very broadband
- Can be used push-pull or single ended
- NI-650 air-cavity ceramic package
- Extreme ruggedness: handles 65:1 VSWR
- Warranted availability until 2027 minimum

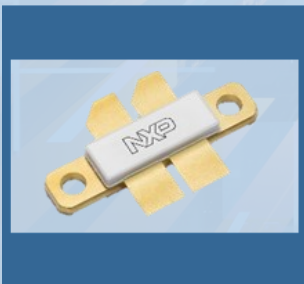
Available Reference Circuits

Frequency	Application	Power (W)	Gain (dB)	Drain Eff. (%)	Size
30-520 MHz	Broadband Radio	50 CW	14	40	2 x 3
520 MHz	Various	85 CW	25.2	73.5	4 x 5



Driver:
AFT05MS004N

Final stage:
MRF085H



ORDERABLE PART #

MRF08HR5

IMPORTANT ORDERING INFORMATION

AVAILABLE NOW

Samples Available Now!

