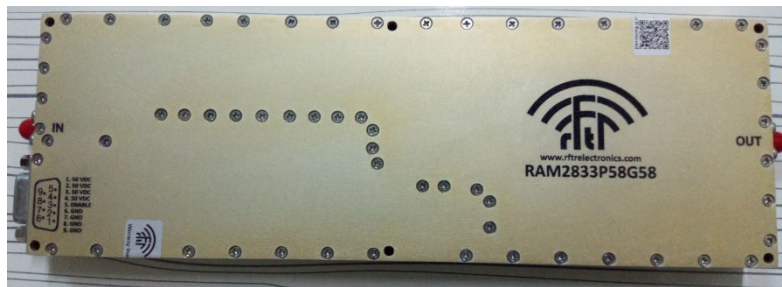


RAM2833P58; 2.8 GHz – 3.3 GHz 650W 58dB AMPLIFIER

- Solid-state Class AB design
- GaN on SiC Transistors
- High reliability and ruggedness
- Small Dimensions & Light Weight
- Fast Switching Capability



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	2.8-3.3 GHz
Output Power:	650 W typ. 600 W min. (%10 300 μ s)
Nominal Gain:	58 dB min.
Gain Flatness:	± 1 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞ :1
DC Supply Voltage:	50 V
Efficiency:	% 35
Enable Speed:	1 μ s max.
Pulse Droop :	0.5 dB (%10 100 μ s)
Rise / Fall Time	50 nsec max.
Operating Case Temp.:	-40 °C to 85 °C
Storage Temperature:	-40 °C to 85 °C
Shock:	MIL-STD-810F/G
Vibration:	MIL-STD-810F/G

INTERFACES

RF Input :	SMA Female
RF Output :	SMA Female
9-PIN DSUB:	1) 50V
	2) 50V
	3) 50V
	4) 50V
	5) Enable
	6) GND
	7) GND
	8) GND
	9) GND

MECHANICAL SPECIFICATIONS

Size (mm) :	251.3 x 83.6 x 20
Weight (gr) :	TBD
Plating :	Yellow Chromate