

MCPA-2016



Features

- 1840 ~ 1870MHz frequency range.
- Average output power 42dBm.
- IMD & Spurious Emission(21FA@42dBmPout)
42dB@Fc ±885KHz
43dB@Fc ±1.98MHz
-14.5dBm@Fc±2.25MHz
- Operating Temperature -30 ~ 55°C

Applications

- PCS HPA

Specifications

Parameter	Unit	SPEC.	
Type		Module Type	
Frequency Range	MHz	1840~1870	
No. of Input Carriers	FA	21, max	
Total Power Output	dBm	+42.0, Avg, min	
RF Gain	dB	50.0 ±0.5	
Gain variation Over Temp. Range	dB	± 1.0, max	
Gain Flatness	dB	±0.5, max	
Linearity	dB	±0.5, max	
IMD & Spurious Emission (21FA@42dBm Pout)	dB	42dB@Fc ±885KHz 43dB@Fc ±1.98MHz -14.5dBm@Fc±2.25MHz	
Return Loss (VSWR)	dB	15.5 min (1.4 max)	
DC	Nominal Volt.	Vdc	+28 ± 0.1V
	Current	A	6, max
Operating Temperature	°C	-30 ~ 55°C	