

# AIRT48ICP800MAC-00

## Extremely low distortion amplifier

- Narrowband linear amplifier
- High OICP3(800MHz) ; 45dBm
- High power (25dBm) drive
- Low noise figure ; 1.5dB
- Medium gain (15dB)
- Small size without heatsink
- Low consumption



### Electrical specification

Bandwidth	100MHz to 900MHz
Gain	15+/-1.0dB
Operating temperature range	-10deg to +70deg
Output power at 1dB compression	25dBm
Input return loss	<-15dB
Output return loss	<-20dB
Output ICP3	45dBm
Supply voltage	+8V(260mA)/-2V(10mA)
Dimensions	35mm X 50mm X 19mm
Temperature efficiency	-0.02dB/deg

