

AIRT17AC-2K/5.4G

Ultra wideband amplifier

- Ultra wideband linear amplifier
- High OICP3 ; 36dBm(typ)
- High end frequency ; 5.4GHz
- Low end frequency ; 2kHz
- Medium power (17dBm) drive
- Low noise figure ; 7.5dB
- Medium gain (20dB)
- Small size
- Low consumption and single supply



Electrical specification

Bandwidth	2kHz to 5.4GHz
Gain	20+/-1.0dB
Gain ripple relative to gain slope	+/-1dB
Temperature coefficient	-0.01dB/deg
Operating temperature range	-10deg to +70deg
Output power at 1dB compression	17dBm
Input return loss	<-15dB
Output return loss	<-15dB
Output ICP3	36dBm
Overshoot	2%
Noise figure	<12dB
Supply voltage	+12V(180mA)
Dimensions	35mm X 50mm X 19mm

