



Micro Commercial Components[®]

Micro Commercial Components Corp.

New Product Announcement

Jan.2011

New Introduction of PIN Diode for RF and Microwave Frequencies Applications

Introduction :

A pin diode is a semiconductor device that operates as a variable resistor at RF and microwave frequencies. Compared with normal PN diode , it's a silicon semiconductor in which a high resistive Intrinsic I region is sandwiched between a P- type and N- type region. That's why we called it PIN diode

Features:

- *High frequencies application*
- Low diode capacitance
- Low diode forward resistance
- Moisture sensitivity level 1
- Halogen free version available upon request
- 100% pure matte tin plating
- RoHS compliant

Typical Applications:

- Mobile Phones
- LNB
- STB
- Car radio
- CATV
- Base station
- WLAN
- Bluetooth

Availability:

Samples now available

Production Lead time : 4~6 weeks

Datasheet available now at www.mccsemi.com

Crosses to other manufactures' Parts

MCC Pn#	NXP Pn#
BAP50-03	BAP50-03
BAP51-02	BAP51-02
BAP64-05	BAP64-05
BAP64-05W	BAP64-05W