

CX77112


PAM for CDMA PCS



MCM 11L-4x4mm

CX77112 PA is a small and efficient surface mount module for PCS and WLL applications with full coverage of the 1850–1910 MHz bandwidth. It meets the stringent spectral linearity requirements of CDMA / PCS transmission, with high power added efficiency up to power output of 29 dBm. The single GaAs MMIC contains all active circuitry, on-board bias circuitry, and input and interstage matching circuits. Typical “off” leakage is a few microamperes with full primary voltage supplied from the battery.

- Low voltage positive bias supply
- Low power-state control
- IS95/CDMA2000
- Full U.S. PCS coverage
- InGaP

Part Number	Frequency (MHz)	Description	Typical Output Power (dBm)	Typical PAE (%)	Typical Gain (dB)	Supply Voltage (V)	Package (mm)
CX77112 	1850-1910	PAM for CDMA PCS	29	40	28.0	3.2–4.2	10-pin MCM 4 x 4 x 1.5

Technical Documentation

Application Note



Tape and Reel for Power Amplifier Modules

[101568c.pdf](#)

440.93 KB



PCB Design and SMT Assembly / Rework

[101752e.pdf](#)

4.13 MB

Data Sheet



CX77112: PAM for CDMA / PCS (1850–1910 MHz)

[101904e.pdf](#)

790.88 KB