

## DCMA81 modul miniPCI 802.11a/b/g



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Manufacturer : Inni

Karta miniPCi oparta na chipie Atherosa AR5414. Inne jej oznaczenie to CM10.

Podstawowe cechy:

karta miniPCI do aplikacji wbudowanych

pojedynczy chip w standardzie 802.11a/b/g

bardzo male wymiary: 59.75 x 25.5 x 5mm

technologia eXtended Range XR

Przypustowosc do 60MBps, karta typu SuperAG

obluga standartow 802.11i/WPA2 , 802.11e

Interface PCI 2.3

Zgodna ze standartem WiFi

Zgodna z normai RoHS

Parametry techniczne:

Zakres czestotkiwosci: 2.312 - 2.472GHz, 2.484 GHz U-NII: 5.15 - 5.35GHz, 5.725 - 5.825GHz ISM: 5.725 - 5.850 GHz DSRC: 5.850 - 5.925 GHz Europe: 5.15 - 5.35GHz, 5.47 - 5.725GHz Japan: 4.90

Modulacja: 802.11 a/b/g DSSS (DBPSK, DQPSK, CCK) OFDM (BPSK,QPSK, 16-QAM, 64-QAM)

obslugiwane kanaly: 802.11b/g US/Canada: 11 (1 ~ 11) Major European country: 13 (1 ~ 13) France: 4 (10 ~ 13) Japan: 11b: 14 (1~13 or 14th), 11g: 13 (1 ~ 13) - 802.11a 1). US/Canada:12 non-overlapping channels (5.15 ~ 5.35GHz, 5.725 ~ 5.825GHz) 2). Europe: 19 non-overlapping channel (5.15 ~ 5.35GHz, 5.47 ~ 5.725GHz) 3). Japan: 4 non-overlapping channels (5.15 ~ 5.35GHz)

Pobor prądu: A Mode: FTP Tx: 340mA (typical)~470mA (max) FTP Rx: 280mA (typical)~320mA (max) Stand by: 270mA (typical)~290mA (max) - G Mode: FTP Tx: 330mA (typical)~430mA (max) FTP Rx: 300mA (typical)~340mA (max) Stand by: 285mA (typical)~310mA (max) - B Mode: FTP Tx: 360mA (typical)~400mA (max) FTP Rx: 295mA (typical)~325mA (max) Stand by: 260mA (typical)~280mA (max) - Maximum: A mode @ 6Mbps continuous Tx: 470mA (typical)~490mA (max) - Power saving: 185mA (typical)~195mA

Moc wyjściowa: A Mode: +17dBm at 6, 9, 12, 18, and 24Mbps +16dBm at 36Mbps +14dBm at 48Mbps +13dBm at 54Mbps B Mode: +17dBm at 1,2, 5.5, and 11Mbps G Mode: +17dBm at 6, 9, 12, 18, 24 and 36Mbps +16dBm at 48Mbps +15dBm at 54Mbps

Szybkość transmisji: 802.11b/g 11b: 11, 5.5, 2, 1 Mbps, auto-fallback, 11g: 54, 48, 36, 24, 18, 12, 9, 6Mbps, auto-fallback 802.11g (Super mode) up to 108 Mbps 802.11a (Normal mode) 54, 48, 36, 24, 18, 12,

9, 6Mbps, auto-fallback 802.11a (Super mode) 108,96,72,54,  
48,36,24,18,12 Mbps, auto-fallback Security 64-bit,128-bit, 152-bit  
WEP Encryption 802.1x Authentication AES-CCM & TKIP  
Encryption Operation mode Infrastructure & Ad-hoc mode

Temperatura pracy: 0oC ~ 70 oC

Tempertura przechowywania: 20oC ~ 80oC

Zgodnosc ze standartami: Wi-Fi Alliance WECA Compliant WHQL  
Microsoft 2K, XP Complaint FAA S/W radio On/Off support EMC  
certificate FCC part 15 (USA) IC RSS210 (Canada) Telec (Japan)  
ETSI, EN301893, EN60950 (Europe)