

Datei:Dcma82.pdf

Basisinformationen

Anzeigetitel	Datei:Dcma82.pdf																				
Standardsortierschlüssel	Dcma82.pdf																				
Seitenlänge (in Bytes)	0																				
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Seitenkennnummer	550																				
Seiteninhaltssprache	de-formal - Deutsch (Sie-Form)																				
Seiteninhaltsmodell	Wikitext																				
Indizierung durch Suchmaschinen	Erlaubt																				
Anzahl der Weiterleitungen zu dieser Seite	0																				
Prüfsummenwert	165afc6688c98de6df6ab051604abfe0d2d228d3																				
Seitenbild	Mini-PCI WiFi Module : DCMA-82 Industrial grade high power 802.11a/b/g 108Mbps wifi mini-PCI module, RoHS compliance <table><thead><tr><th>Specifications</th><th>Mini-PCI WiFi Module : DCMA-82</th></tr></thead><tbody><tr><td>Standard conformance</td><td>IEEE 802.11a, 802.11b, 802.11g</td></tr><tr><td>Frequency Range</td><td> - A mode: 5.15 ~ 5.35GHz & 5.725 ~ 5.825GHz for US 4.9 ~ 5.25GHz for Japan 5.15 ~ 5.35GHz & 5.47 ~ 5.725GHz for ETSI - B/G mode: 2.400 ~ 2.4835GHz for US, Canada, ETSI and Japan 2.471 ~ 2.497GHz for Japan </td></tr><tr><td>Interface</td><td>32-bit mini-PCI Type IIIA</td></tr><tr><td>Operation Voltage</td><td>3.3VDC (5VDC optional by project)</td></tr><tr><td>Modulation Technique</td><td> 802.11a: - OFDM with BPSK, QPSK, QAM, and 64QAM 802.11b: - DSSS with CCK, DQPSK, DBPSK 802.11g: - OFDM with BPSK, QPSK, QAM and 64QAM - DSSS with CCK, DQPSK, DBPSK </td></tr><tr><td>Data Rate</td><td> 802.11a (Normal mode): 54, 48, 36, 24, 18, 12, 9, 6Mbps, auto-fallback 802.11a (Turbo mode): 108, 96, 72, 48, 36, 24, 18, 12 Mbps, auto-fallback 802.11b/g: 11, 5.5, 2, 1 Mbps, auto-fallback, up to 54 Mbps 802.11g (Super mode): up to 108 Mbps </td></tr><tr><td>Operating Range (subject to the environment and antenna)</td><td> 802.11a - Outdoor: over 350meter@6Mbps - Indoor: 35 ~ 100meter@6Mbps 802.11b - Outdoor: over 350meter@11Mbps - Indoor: 35 ~ 100meter@11Mbps 802.11g - Outdoor: over 350meter@6Mbps - Indoor: 35 ~ 100mete@6Mbps </td></tr><tr><td>Operating Channels</td><td> 802.11a - US/Canada: 12 non-overlapping channels (5.15 ~ 5.35GHz, 5.725 ~ 5.825GHz) - Europe: 19 non-overlapping channels (5.15 ~ 5.35GHz, 5.47 ~ 5.725GHz) - Japan: 4 non-overlapping channels (5.15 ~ 5.25GHz) 802.11b/g - US/Canada: 11 (1 ~ 11) - Major European country: 13 (1 ~ 13) - France: 4 (10 ~ 13) - Japan: 14 for 11b (1 ~ 13 or 14th), 13 for 11g (1 ~ 13) </td></tr><tr><td>Power Consumption</td><td> 3.3V DC: 802.11a mode: 850mA (min.), 950mA(typical), 1050mA(max.) 802.11g mode: 700mA (min.), 800mA(typical), 900mA(max.) 802.11b mode: 700mA (min.), 800mA(typical), 900mA(max.) </td></tr></tbody></table>	Specifications	Mini-PCI WiFi Module : DCMA-82	Standard conformance	IEEE 802.11a, 802.11b, 802.11g	Frequency Range	- A mode: 5.15 ~ 5.35GHz & 5.725 ~ 5.825GHz for US 4.9 ~ 5.25GHz for Japan 5.15 ~ 5.35GHz & 5.47 ~ 5.725GHz for ETSI - B/G mode: 2.400 ~ 2.4835GHz for US, Canada, ETSI and Japan 2.471 ~ 2.497GHz for Japan	Interface	32-bit mini-PCI Type IIIA	Operation Voltage	3.3VDC (5VDC optional by project)	Modulation Technique	802.11a: - OFDM with BPSK, QPSK, QAM, and 64QAM 802.11b: - DSSS with CCK, DQPSK, DBPSK 802.11g: - OFDM with BPSK, QPSK, QAM and 64QAM - DSSS with CCK, DQPSK, DBPSK	Data Rate	802.11a (Normal mode): 54, 48, 36, 24, 18, 12, 9, 6Mbps, auto-fallback 802.11a (Turbo mode): 108, 96, 72, 48, 36, 24, 18, 12 Mbps, auto-fallback 802.11b/g: 11, 5.5, 2, 1 Mbps, auto-fallback, up to 54 Mbps 802.11g (Super mode): up to 108 Mbps	Operating Range (subject to the environment and antenna)	802.11a - Outdoor: over 350meter@6Mbps - Indoor: 35 ~ 100meter@6Mbps 802.11b - Outdoor: over 350meter@11Mbps - Indoor: 35 ~ 100meter@11Mbps 802.11g - Outdoor: over 350meter@6Mbps - Indoor: 35 ~ 100mete@6Mbps	Operating Channels	802.11a - US/Canada: 12 non-overlapping channels (5.15 ~ 5.35GHz, 5.725 ~ 5.825GHz) - Europe: 19 non-overlapping channels (5.15 ~ 5.35GHz, 5.47 ~ 5.725GHz) - Japan: 4 non-overlapping channels (5.15 ~ 5.25GHz) 802.11b/g - US/Canada: 11 (1 ~ 11) - Major European country: 13 (1 ~ 13) - France: 4 (10 ~ 13) - Japan: 14 for 11b (1 ~ 13 or 14th), 13 for 11g (1 ~ 13)	Power Consumption	3.3V DC: 802.11a mode: 850mA (min.), 950mA(typical), 1050mA(max.) 802.11g mode: 700mA (min.), 800mA(typical), 900mA(max.) 802.11b mode: 700mA (min.), 800mA(typical), 900mA(max.)
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Seitenschutz

Bearbeiten	Alle Benutzer (unbeschränkt)
Verschieben	Alle Benutzer (unbeschränkt)
Hochladen	Alle Benutzer (unbeschränkt)

[Das Seitenschutz-Logbuch für diese Seite ansehen.](#)

Versionsgeschichte

Seitenersteller	OE2WAO (Diskussion Beiträge)
Datum der Seitenerstellung	14:39, 16. Jan. 2009
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Datum der letzten Bearbeitung	14:39, 16. Jan. 2009
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Gesamtzahl unterschiedlicher Autoren	1
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Anzahl unterschiedlicher Autoren der kürzlich erfolgten Bearbeitungen	0