



WIFI BOARD



ELECTRICAL

Supplypowered by connector (3.3V)
Consumption max. 700mW

MECHANICAL

Dimensions 36 x 49 x 6 mm
User interface 1 push buttons (reset)
Antenna Integrated or UFL external antenna

ENVIRONMENTAL

Storage temperature -30 to 85°C
Operating temperature -30 to 85°C

WIRELESS

Radio mode IEEE 802.11b, 802.11g
Wireless mode Ad-Hoc and Infrastructure
Frequency range 2.402–2.480 GHz
Channel intervals 5MHz
Channel 1–14
Secure WiFi authentication WEP-128, WPA-PSK (TKIP), WPA2-PSK (AES)
Transmission rate (over the air) .. 1 – 11Mbps for 802.11b / 6 – 54Mbps for 802.11g
Receive sensitivity -85dBm typ.
Output level (Class I) +18dBm

SOFTWARE

Drivers for LabVIEW Embedded for ARM (including all set of command to configure the module and networking application DHCP, UDP, DNS, ARP, ICMP, TCP, sockets)



ANTs ist ein stapelbarer, Single Board Computer für eingebettete Systeme mit individuell anpassbaren Elementen. Diese flexible off-the-shelf-Plattform basiert auf NI LabVIEW für ARM-basierte Prozessoren.

- Direkt Anschluss mit LabVIEW embedded für ARM
- Durch kleine Einbaugröße (3,5 x 3,5cm) überall einsetzbar
- Stapelbar- neue Lösung einfach aufbauen

Gerne zeigen wir Ihnen alle Vorteile unserer Mass Interconnect Lösungen

| Ordering Information | | |
|----------------------|---------|--|
| Products | Ord. No | Comments |
| Base Kit | 75-001 | Included a power board, a CPU board, a JTAG board with LabVIEW drivers |
| WIFI board | 75-109 | WIFI board for ANTS |