

Mini Go internal card O QF / WRUUP O R

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1. General Specification

CPU	ARM 50MHz 32Bit
System Clock	25MHz
Flash Memory	1M Byte
SDRAM	8M Byte
LED	6
Watch Dog	Yes
Modem Port	No
Environment Port	No
Real Time Clock	No
LCD Display	No
LAN Interface	10M/100M UTP
Ethernet Throughput	808K Byte per seconds
Ethernet Latency	0.89 milliseconds
LAN Protocol	TCP/IP, , HTTP, SMTP, SNTP, DHCP, Telnet, BOOTP, DNS, DDNS, PPPoE, WAP, PDA browser, SNMP RFC1628 MIB, PPC MIB, Ethernet Upgrade firmware
Dimension	23mm(L) x 47mm(W) x 15mm(H)
Weight	30g±2g
Connector	26pin gold finger.

2. Power Specification

Mini Go

ITEM	Minimum	Maximum
DC Input Voltage	+5.3V	+15V
DC Input Current		250mA

3. Pin Assignment

Pin	Input/Output	Description
P1 GND	GND	Ground PIN
P2 PowerIn	Input	DC power input.
P3 RS232_TXD	Output	+5.5V and -5.5V Voltage level for RS232
P4 RS232_RXD	Input	-3V to -15V for logic '1', +3V to +15V for logic '0'
P5-P7 No USE		
P8 SNMPSIG		NetAgent card plug in detect, connect to PIN 10
P9 GND	GND	Ground PIN
P10 SNMPSIG		NetAgent card plug in detect, connect to PIN 8
P11 RS232_DCD	Input	+/-3V to +/-15V for RS232
P12 RS232_DTR	Output	+5.5V and -5.5V for RS232
P13 RS232_DSR	Input	+/-3V to +/-15V for RS232
P14 RS232_RTS	Output	+5.5V and -5.5V for RS232
P15 RS232_CTS	Input	+/-3V to +/-15V for RS232
P16 RS232_RI	Input	+/-3V to +/-15V for RS232
P17-P26 No Use		

4. Signal Specification

Receiver Inputs

PARAMETER	CONDITIONS	MIN	TYP	MAX
Input Voltage Range		-25V		+25 V
Input Threshold Low	TA = +25°C	+0.6V	+1.2V	
Input Threshold High	TA = +25°C		+1.5V	+2.4V
Input Hysteresis			0.3 V	
Input Resistance	TA = +25°C	3 k ohm	5 k ohm	7k ohm

Transmitter Outputs

PARAMETER	CONDITIONS	MIN	TYP	MAX
Output Voltage Swing	All transmitter outputs loaded with 3k ohm to ground	±5.0V	±5.4V	
Output Resistance	TA = +25°C	300	10M	
Output Short-Circuit Current			±35 mA	±60 mA

5. Environment Specification

PARAMETER	CONDITIONS	Minimum	Maximum
Operating Temperature		0 °C	60 °C
Storage Temperature		-40 °C	125 °C
Operating Humidity	Non-Condensing	10% RH	90% RH
Storage Humidity	Non-Condensing	5% RH	95% RH

EMI
FCC Class B, CE



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