



Mini Go internal card DP 801

Contents

1. General Specification
2. Power Specification
3. Pin Assignment
4. Signal Specification
5. Environment Specification



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, SNMP, 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

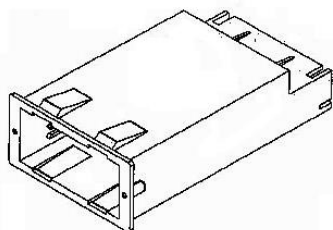


Mini Go DP 801

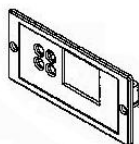


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Mini Go DK 801--case



Mini Go DK 801 panel- 01



Mini Go DK 801 panel- 02

