



Promi-ESD™

Technical Specification

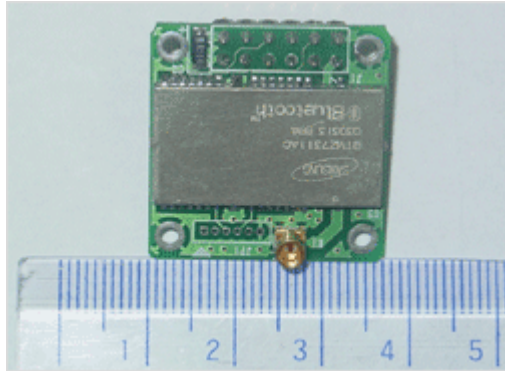
Preliminary Version

by Bluetooth

Enabling Wireless Serial Communications

PROMI-ESD Specification

Promi-ESD is the embedded type of Bluetooth serial adaptor to be installed inside the users' system such as Mobile printers, Mobile barcode scanners, and any kinds of devices/machines for Wireless Serial communications. Full specification will be released soon.



For further technical questions regarding Promi-ESD™, please send an email to support@hantz.com

Output Interface UART

Compliant Bluetooth Specification v1.1

Transmission Power Class 1(max 20dBm)

Receiving Signal Range -84 to -20dBm

Electrical Characteristics

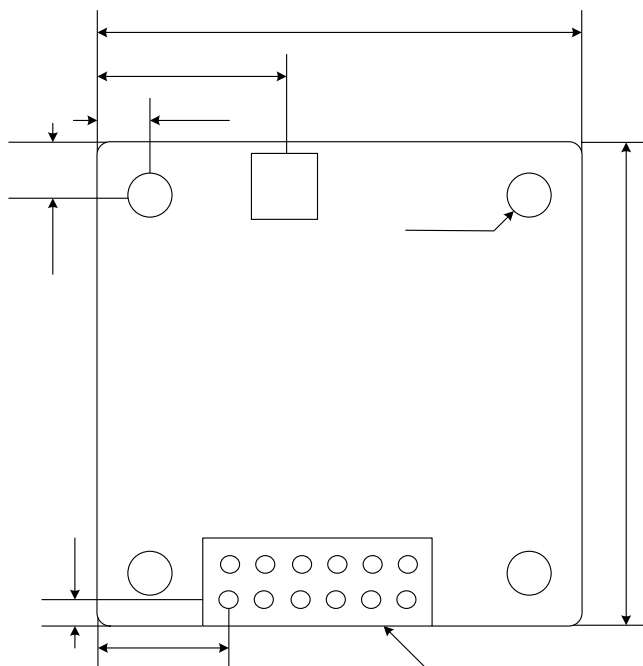
Absolute Maximum Ratings		
Ratings	Min	Max
Storage Temperature	-40°C	85°C
VDD	-0.4V	3.6V

Recommended Operating Conditions		
Operating Condition	Min	Max
Operating Temperature Range	-20°C	75°C
VDD	3.0V	3.4V

Input/Output Terminal Characteristics				
Digital Terminals	Min	Typ	Max	Unit
Input Voltage				
V _{IL} input logic level low (VDD=3.0V)	0.4	-	0.8V	
V _{IH} input logic level high	0.7VDD	-	VDD+0.4	V
Output Voltage Input				
V _{OL} output logic level low, (I _o = 4.0mA),	-	-	0.2	V
V _{OH} output logic level high, (I _o = -4.0mA),	VDD-0.2	-	-	V

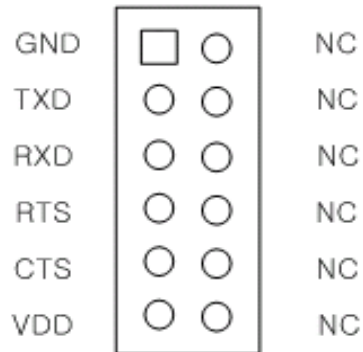
Physical Demension

Size : 27mm X 27mm



Unit: mm

Pin assignment



Pin number	Pin name	Direction	Description
1	GND	I	GROUND
2	TXD	O	UART data out
3	RXD	I	UART data input
4	RTS	O	UART Ready to Send
5	CTS	I	UART Clear to Send
6	VDD		DC input

Customer Inquiry:
