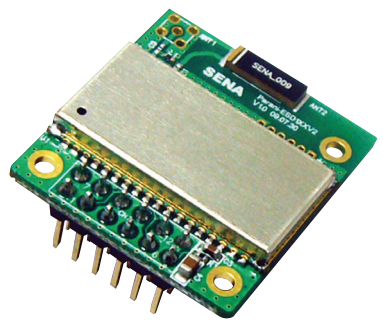
Quick Start Guide

Parani™ ESD100

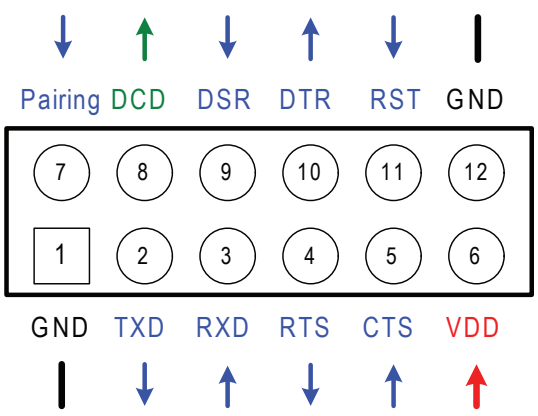
OEM Bluetooth-Serial Module

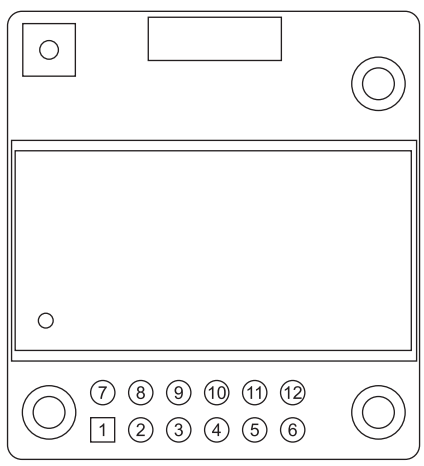


RoHS Compliant

SENA

Pinout & Cabling

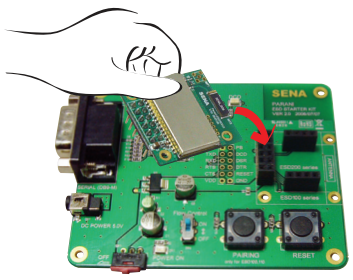




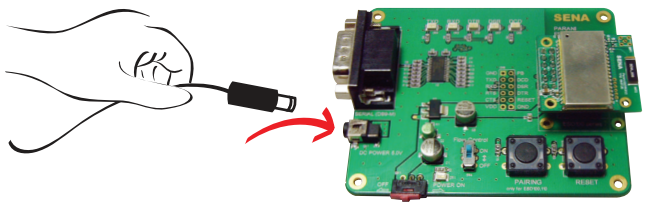
Pin #	Signal	Direction	Description	Signal Level
1	GND	-	Power Ground	Ground
2	TxD	Output	UART Data Output	TTL
3	RxD	Input	UART Data Input	TTL
4	RTS	Output	UART Ready to Send	TTL
5	CTS	Input	UART Clear to Send	TTL
6	VDD	Input	DC Input (3.0~3.3V)	Power
7	Pairing	Input	Pairing Input (Active Low)	TTL
8	DCD	Output	Bluetooth Connect Detect (Active Low)	TTL
9	DSR	Input	Data Set Ready	TTL
10	DTR	Output	Data Terminal Ready	TTL
11	RST	Input	Reset (Active Low)	TTL
12	GND	-	Power Ground	Ground

Connection

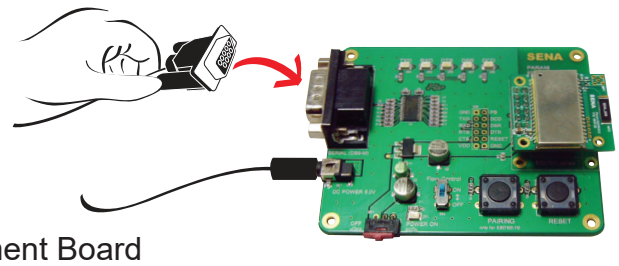
① Connect the ESD100 to the Development Borad



② Connect the power to the Development Board



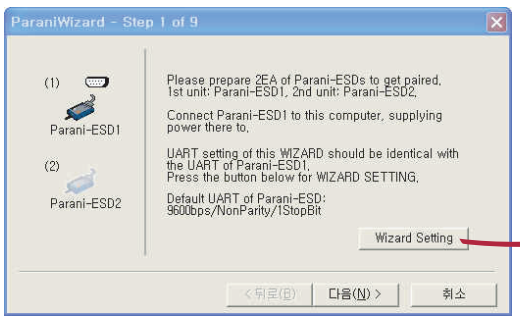
③ Connect the serial cable to the Development Board



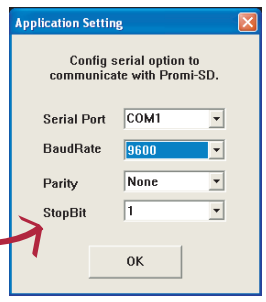
Configuration

I. Configuration using the ParaniWizard

ParaniWizard is used for simple configuration of point-to-point communications between two Parani-ESD units.



Follow the steps in the ParaniWizard



Parani-ESD Series default configuration is 9600 bps Baud rate, 8 Data bits, No Parity, 1 Stop bit and H/W flow control

II. Configuration using the ParaniWin or Hyper terminal program

Using ParaniWin or Hyper terminal program, user can make pairing in any of the following situations.

- *Between two Parani-ESD units.*
- *Between a Parani-ESD unit and other Bluetooth device.*

For connecting to other Bluetooth device, configuration mode must be set to “Mode 3(Connectable and Discoverable)”.

For more information, refer to the User Manual.
You may download the ParaniWin and User Manual fromSena website at **http://www.senanetworks.com**.

Visit us at www.senanetworks.com

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