Bluetooth 2.1 Module – AT Commands

Checking and Setting UART Baud Rate:

Command	Return	Argument
Checking: AT+BAUD?	OK+BAUD:[Param]	Param:1~C stand for 1200,2400,4800,9600,19200,38400,57600,115200,230400,46800,921600,1382400
Setting: AT+BAUD[Param]	OK+Set:[Param]	

Setting UART Parity Bit

Command	Return	Argument
Checking:AT+CHK?	OK+CHK:[Param]	NO
Setting:AT+CHK[Param]	OK+Set:[Param]	Param:0,1,2 0:NONE 1:ODD 2:EVEN

Setting UART Stop Bit

Command	Return	Argument
Checking:AT+STOP?	OK+STOP:[Param]	NO
Setting:AT+STOP[Param]	OK+Set:[Param]	Param:1,2 1:1 stop bit 2:2 stop bit

Setting All UART Parameters

Command	Return	Argument
Checking:AT+UART?	OK+UART:[Param1][Param2][Param3]	Param1:Baud Rate 1~C stand for:1200,2400,4800,9600,19200,38400,57600,115200,230400,46800,921600,1382400 default is 4 (9600) Param2:Checking 0,1,2 0:NONE 1:ODD 2:EVEN Param3:stop bit 1,2 1:1 stop bit 2:2 stop bit
Setting:AT+UART[Param1][Param2][Param3]	OK+Set:[Param1][Param2][Param3]	

Set Module's Discoverable Status

Command	Return	Argument
Checking:AT+DISC?	OK+DISC:[Param]	Param:0,1,2 0:discoverable & connect 1:only discoverable 2:only connect
Setting:AT+DISC[Param]	OK+Set:[Param]	

Set PIO1 Output Status

Command	Return	Argument
Checking:AT+LED?	OK+LED:[Param]	Param:0,1 0:standby blinking slow, pare blinking fast, connected stay HIGH 1:only stay HIGH when is connected
Setting:AT+LED[Param]	OK+Set:[Param]	

www.smart-prototyping.com

Set module's NAME

Command	Return	Argument
Checking:AT+NAME?	OK+NAME:[Param]	Param:NAME
Setting:AT+NAME[Param]	OK+Set:[Param]	MAX is 12 Character

Set Module as Master/Slave

Command	Return	Argument
Checking:AT+ROLE?	OK+ROLE:[Param]	Param:M or S
Setting:AT+ROLE[Param]	OK+Set:[Param]	M: Master S:Slaver default(S)

Set Module's PIN

Command	Return	Argument
Checking:AT+PIN?	OK+PIN:[Param]	Param:password
Setting:AT+PIN[Param]	OK+Set:[Param]	MAX 12 character default(1234)

Checking the MAC Address of the Module

Command	Return	Argument
Checking:AT+LADD?	OK+LADD:MAC Address	