

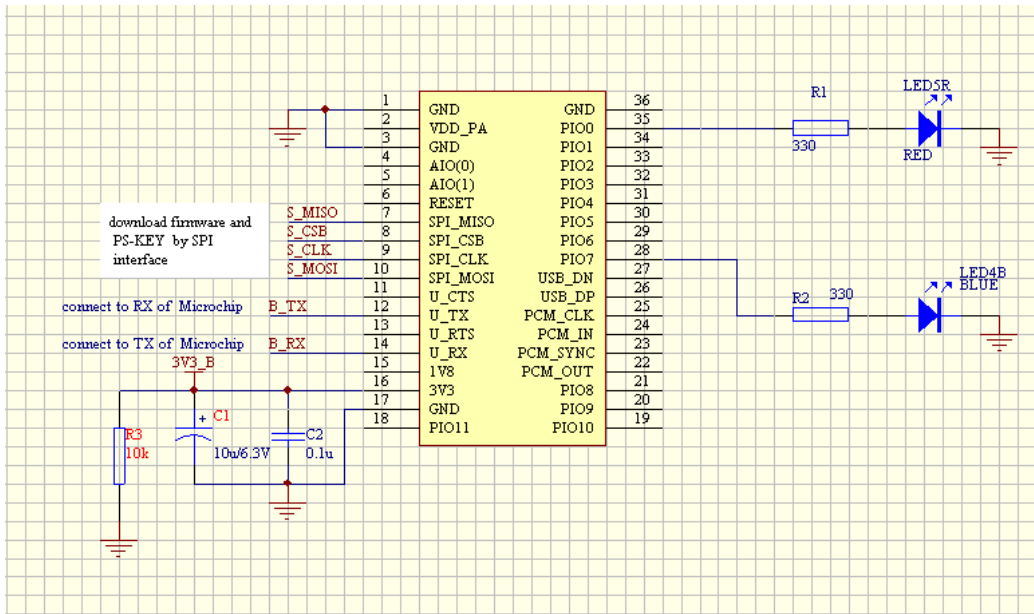
APPLICATION DESCRIPTION OF BLUETOOTH MODULE

1 PIN configuration

No.	Name	Pad type	Description
1	GND	GND	Ground connection
2	NC	NC	No connection
3	GND	GND	Ground connection
4	AIO(0)	BI-Direction	Programmable IO line
5	AIO(1)	BI-Direction	Programmable IO line
6	RESET	Input with weak internal pull_down	High active
7	SPI_MISO		SPI
8	SPI_CSB		SPI
9	SPI_CLK		SPI
10	SPI_MOSI		SPI
11	U_CTS	Input	Uart clear to send
12	U_TX	Output	Uart data out
13	U_RTS	Output	Uart request to send
14	U_RX	Input	Uart data in
15	1V8	Voltage output for testing	1.8V output When 3.3V connected
16	3V3	VDD	Positive power supply
17	GND	GND	Ground connect
18	PIO11	Bi-direction	Programmable IO line
19	PIO10	Bi-direction	Programmable IO line
20	PIO9	Bi-direction	Programmable IO line
21	PIO8	Bi-direction	Programmable IO line
22	PCM_OUT		PCM
23	PCM_SYNC		PCM
24	PCM_IN		PCM
25	PCM_CLK		PCM
26	USB_DP		USB +
27	USB_DN		USB -
28	PIO7	Bi-direction	Programmable IO line
29	PIO6	Bi-direction	Programmable IO line
30	PIO5	Bi-direction	Programmable IO line
31	PIO4	Bi-direction	Programmable IO line
32	PIO3	Bi-direction	Programmable IO line
33	PIO2	Bi-direction	Programmable IO line

34	PIO1	Bi-direction	Programmable Io line
35	PIO0	Bi-direction	Programmable Io line
36	GND	GND	Ground connection

2 Typical Circuits



3 Electrical characteristics

Absolute Maximum Ratings		
Rating	Min	Max
Storage Temperature	-40°C	+120°C
Operating Temperature	-40°C	+105°C

Recommended Operating Conditions		
Operating Condition	Min	Max
Supply Voltage:	3.0 V	3.6V

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible

for compliance could void the user's authority to operate the equipment.

FCC ID:TLDCS0907A

This Module had been evaluated to comply with RF exposure requirement, All OEM must followed provided installation guide to ensure 20cm separation from human body.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.