鼎泰克电子
DTK ELECTRONICS

DRF1605H

Electronic Parameters:

Input voltage	Standard : DC3.3V Range: DC 2.6 ~ 3.6V
Temperature range	-40^{0}C ~ 85^{0}C
Serial port rate	38400bps(Default)，9600bps, 19200bps, 38400bps, 57600bps, 115200bps
Radio frequency	2.4G(2460MHz), Can changed（2405MHz – 2480MHz，Step：5MHz）
Wireless protocol	Zigbee2007
Distance	**Visual distance 1600 Meters**
Working current	Sending：120mA（Max），80mA（Ave） Receiving：45mA（Max） Standby：40mA（Max） Users can customize the low-power module (standard module does not have this feature)
Receiver sensitivity	-110dBm
Chip	CC2530F256，256KFLASH
Configurable Point	Can be configured as Coordinator，Router Default：Router，PAN ID=0x199B，Radio Channel=22（2460MHz）
Interface	UART 3.3V (TX & RX) Built-in RS485 direction control, RS485 chip can directly drive RS232 chip can directly drive Direct USB to RS232 chip driver

Mechanical parameters:
（Top View，Uint：mm）
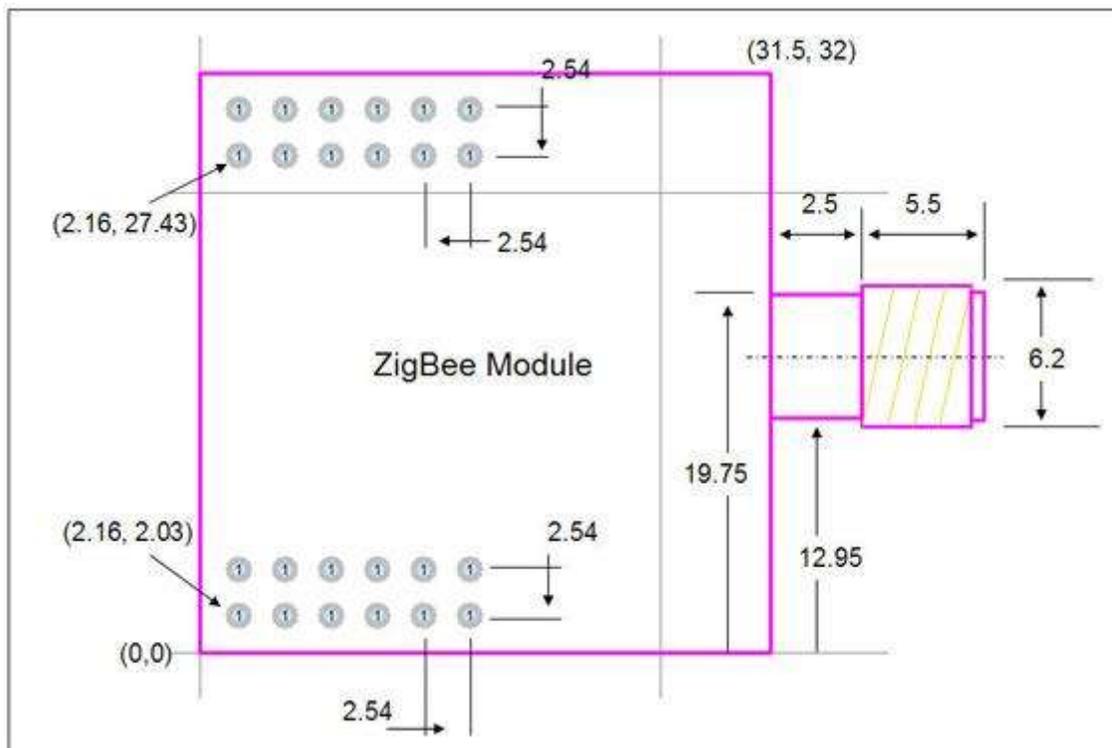
Internal Structure and the Pin   (Top View)

J1		J2	
1	Debug_D	1	Reset_N
2	Debug_C	2	P0.0
3	P1.7	3	SW1
4	P2.0	4	RX
5	P1.5	5	TX
6	P1.6	6	CTS
7	P1.3	7	RTS
8	P1.4	8	P0.6
9	LED_2	9	P0.7
10	P1.2	10	LED_1
11	NC	11	GND
12	NC	12	3.3V In
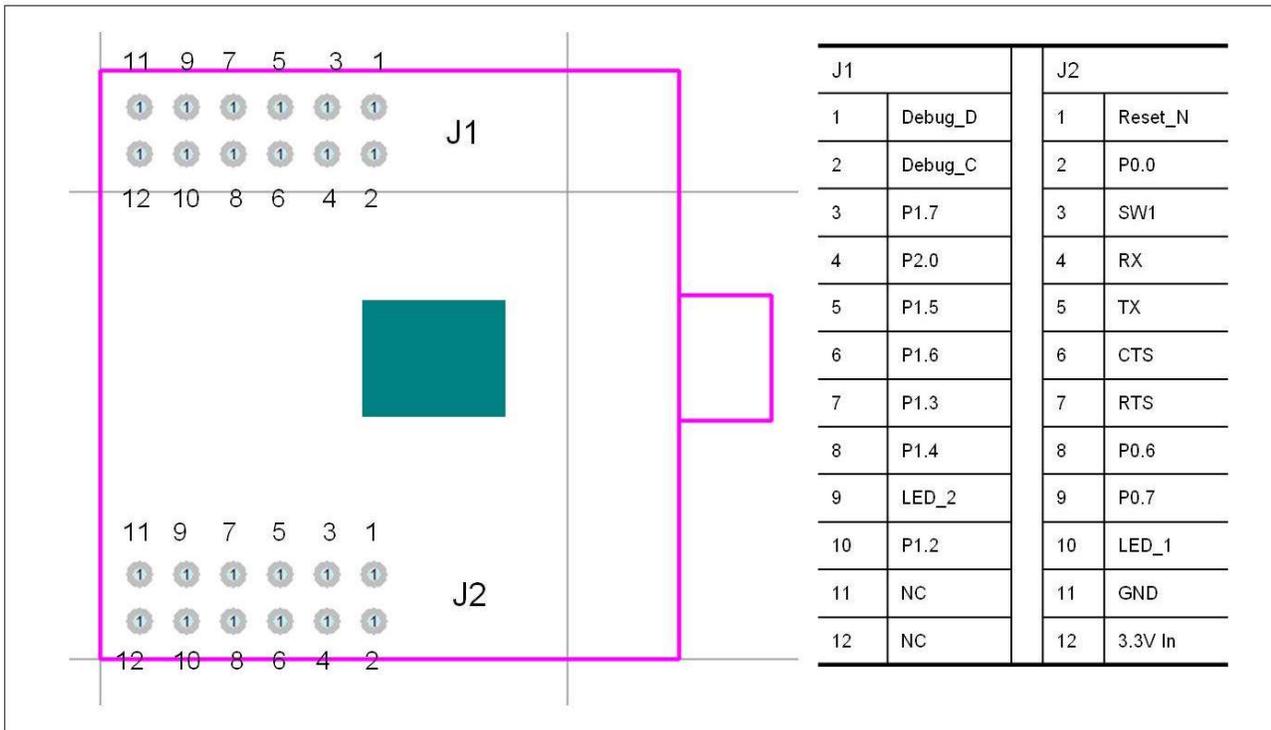
Appearance:
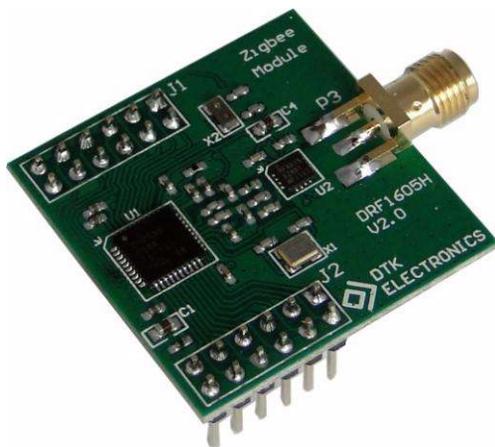
Connections

DRF1605H fully compatible with DRF1605 pin, can be connected to USB baseboard, RS485 baseboard. Customers needn't to change any design, can be used directly DRF1605H replace DRF1605