

Coaxial connector (U.FL)
*only on external antenna versions (x)

cB-0901-01

Internal SMD antenna
*only on internal antenna versions (i)

Power control

+20dBm Power aplifier
*only on Class 1 versions

Basband Controller

0dBm Radio

Low
power

Osc

Power
supply

UART

GPIO

Reset

Serial
Control

LPO Crystal
(32.768kHz,
100ppm)

Crystal
(13MHz, 10ppm)

Voltage regulator
(1.8VDC)

Voltage regulator
(3.0VDC)

RxD/TxD
RTS/CTS

3.3VDC

RxD/TxD
RTS/CTS

Red
Green/S-1
Blue

Reset

3.3VDC

RxD/TxD
RTS/CTS

Red
Green/S-1
Blue

Reset

3.3VDC

RxD/TxD
RTS/CTS
DTR/DSR

Red
Green/S-1
Blue
S-0

3.3VDC

Reset

Serial-Select-0
Serial-Select-1

J8

Wire connector
(1mm pitch, 6 poles)
*only on JST-6 versions

J7

Flex film connector
(0.5mm pitch, 16 poles)
*only on Flexfilm versions

J6

PCB edge solder pads
(2.54mm pitch, 14 pads)

J2

One-piece-part connector pads
(1mm pitch, 20 pads)

J3

One-piece-part connector pads
(1mm pitch, 20 pads)