

EK-S76GXB User Guide

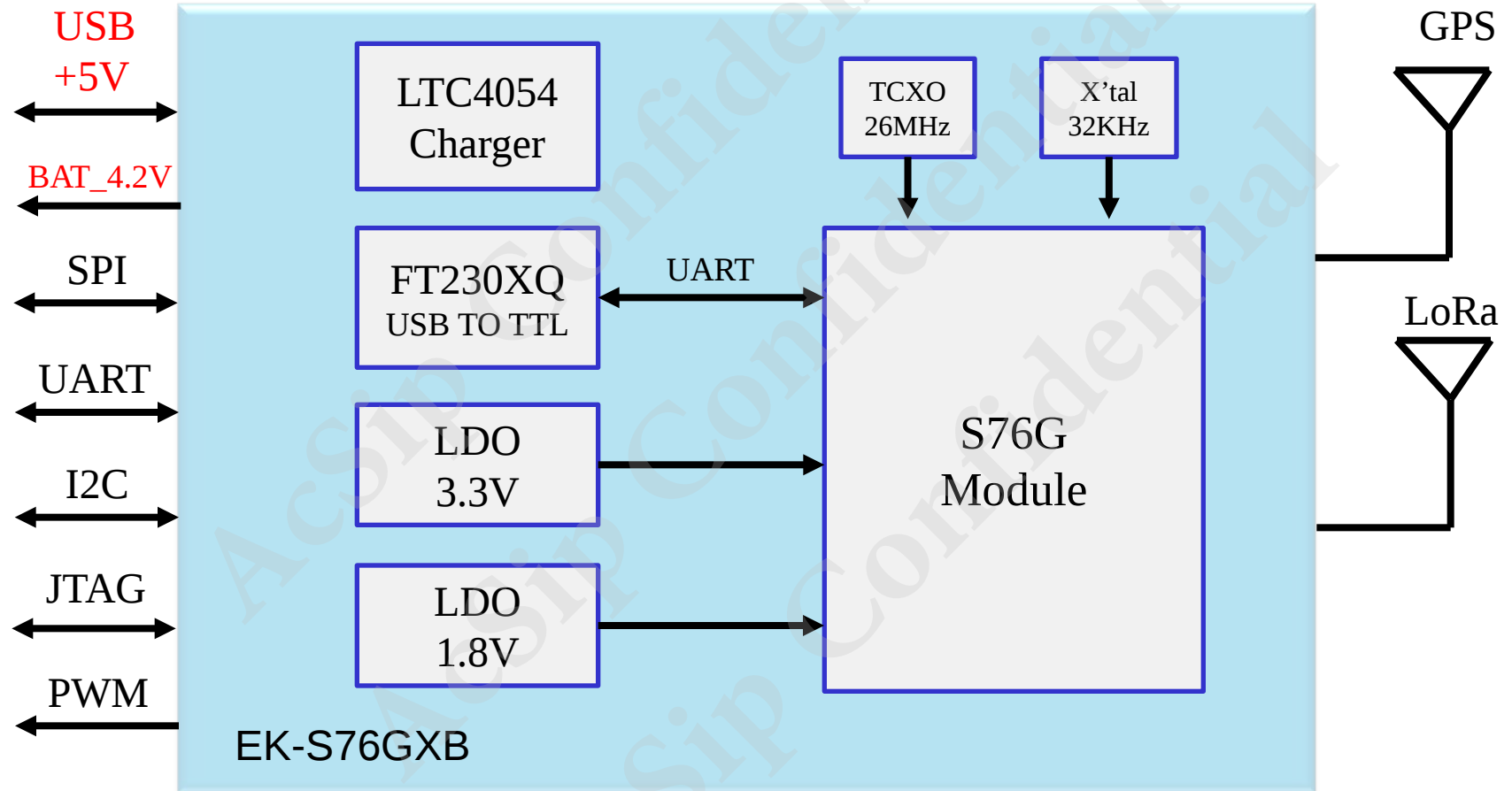
2017/12/27

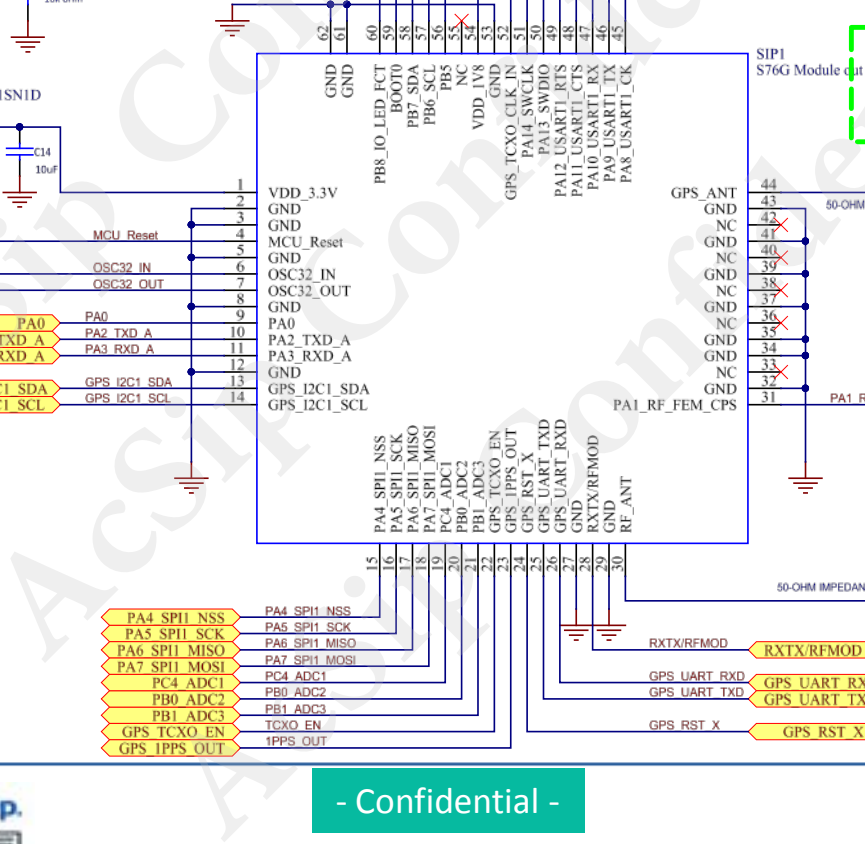
Doc. No. 912-10602

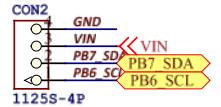


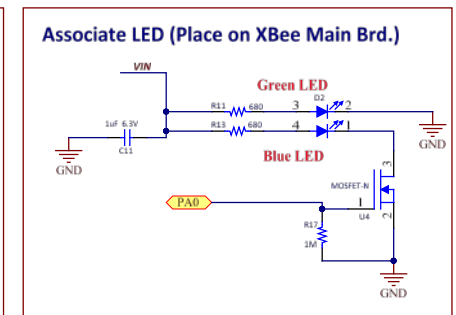
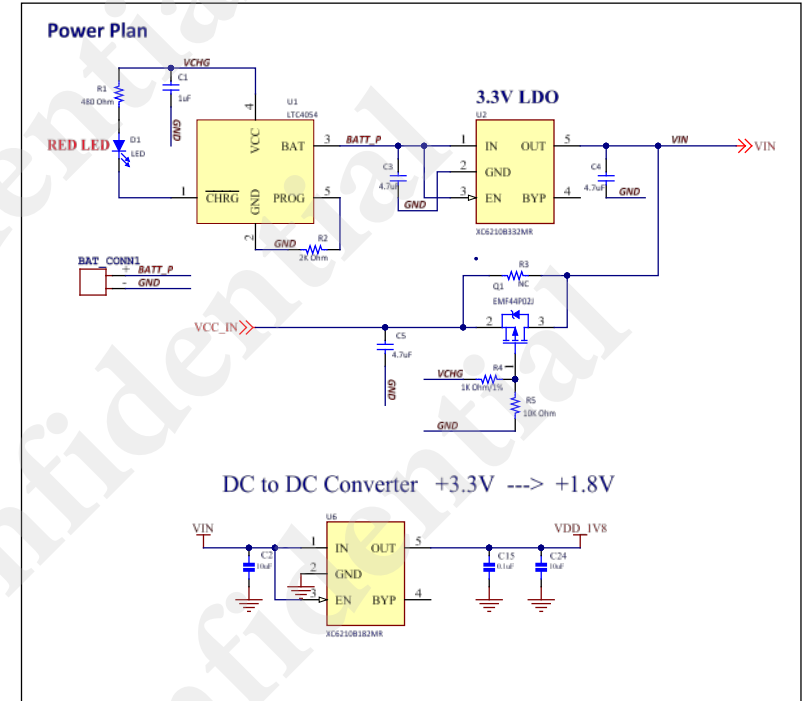
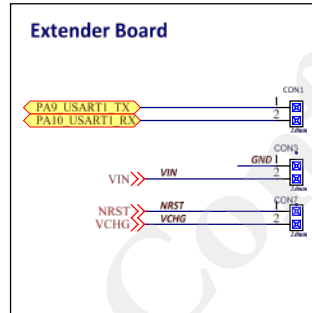
An IoT Solution Company

Block diagram









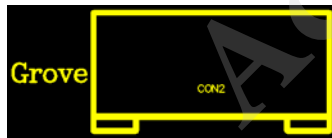
Breakout Pin Definition

LoRa
SMA Connector

GPS
SMA Connector

VCC_IN	PA1_RF_FEM_CPS
PA2_TXD_A	RXTX/RFMOD
PA3_RXD_A	NC
PA6_SPI1_MISO	NC
NRST	NC
PA8_USART1_CK	NC
PA11_USART1_CTS	NC
NC	NC
PA12_USART1_RTS	NC
GND	GND

GPS_TCXO_EN	PB1_ADC3
GPS_1PPS_OUT	PB0_ADC2
GPS_RST_X	PA5_SPI1_SCK
NC	PA4_SPI1_NSS
NC	PB5
NC	PC4_ADC1
VDD_1V8	NC
GPS_I2C1_SDA	PB8
GPS_I2C1_SCL	PA0
GND	PA7_SPI1_MOSI



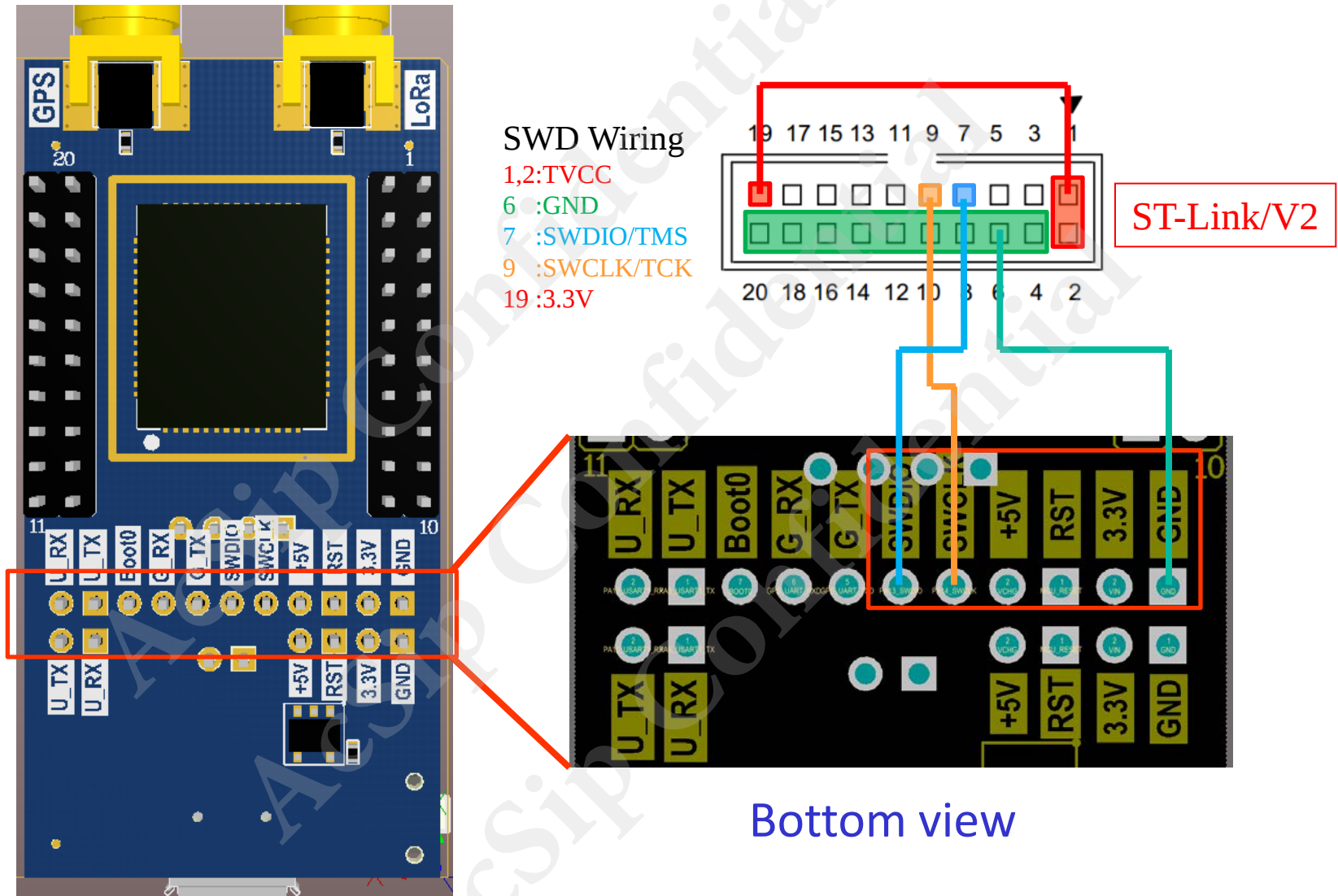
SCL
SDA
VCC
GND

USB TO TTL

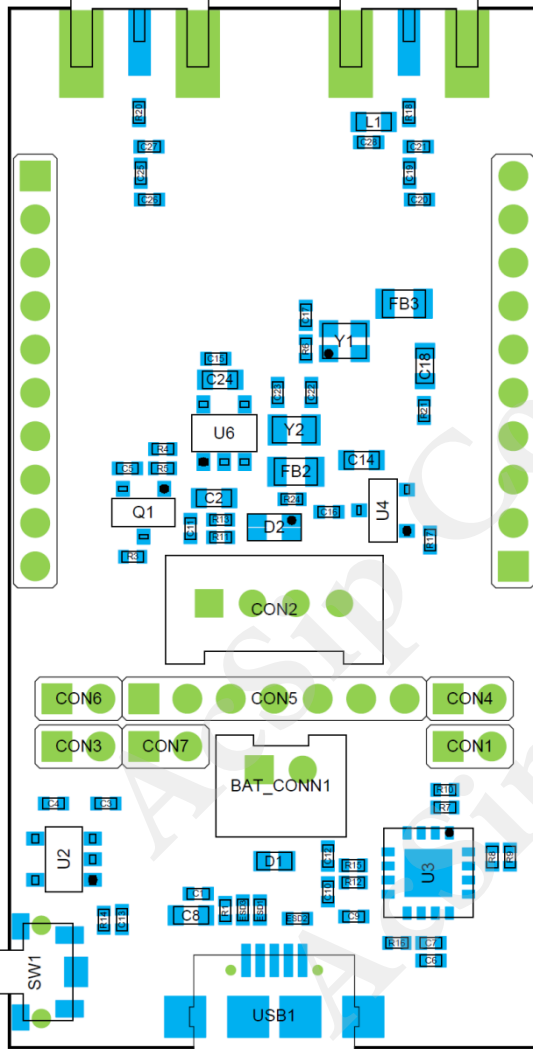
USB TO TTL Driver
(FTDI FT230XQ)

Top view

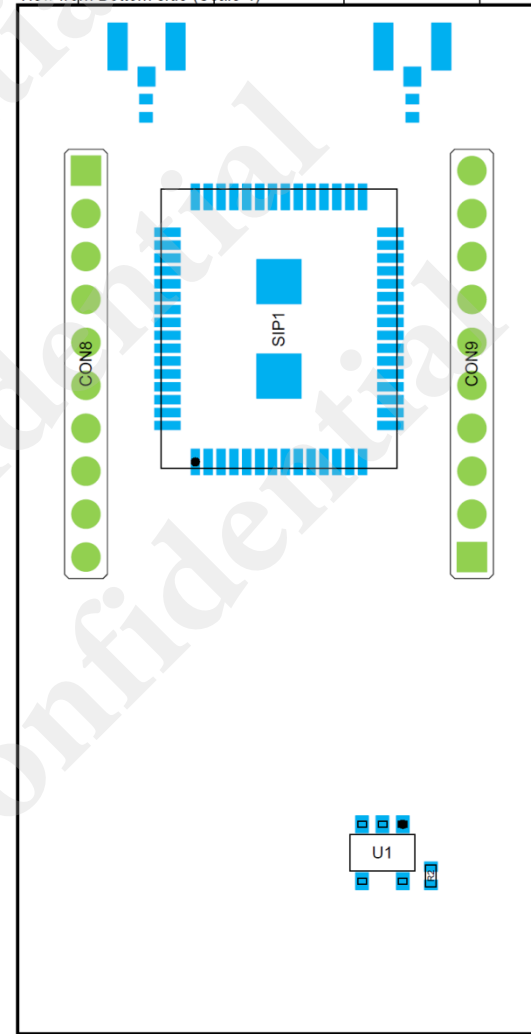
Breakout Pin Definition



Component Location



Top view



Bottom view

Mechanical Drawings

