

Pin connection diagram for the XL1 module:

- Pin 1: MCU\_PWR
- Pin 2: SWD\_CLK
- Pin 3: GNDSignal
- Pin 4: SWD\_IO
- Pin 5: UART\_TX
- Pin 6: UART\_RX

Connector: XL1 CONN\_6

The diagram illustrates the power supply circuit for the BLU1SAG102. It starts with a +3V input connected to an inductor L1, labeled BLU1SAG102. The output of L1 is connected to a series of capacitors C1 through C6. Each capacitor is connected to ground via a GNDSignal line. The capacitors are labeled with their values: C1 (0.1uF), C2 (0.1uF), C3 (0.4uF), C4 (0.4uF), C5 (0.4uF), and C6 (1uF). The output of the capacitors is connected to the MCU\_PWR pin of the BLU1SAG102.

[illegible][illegible]

Формат А2