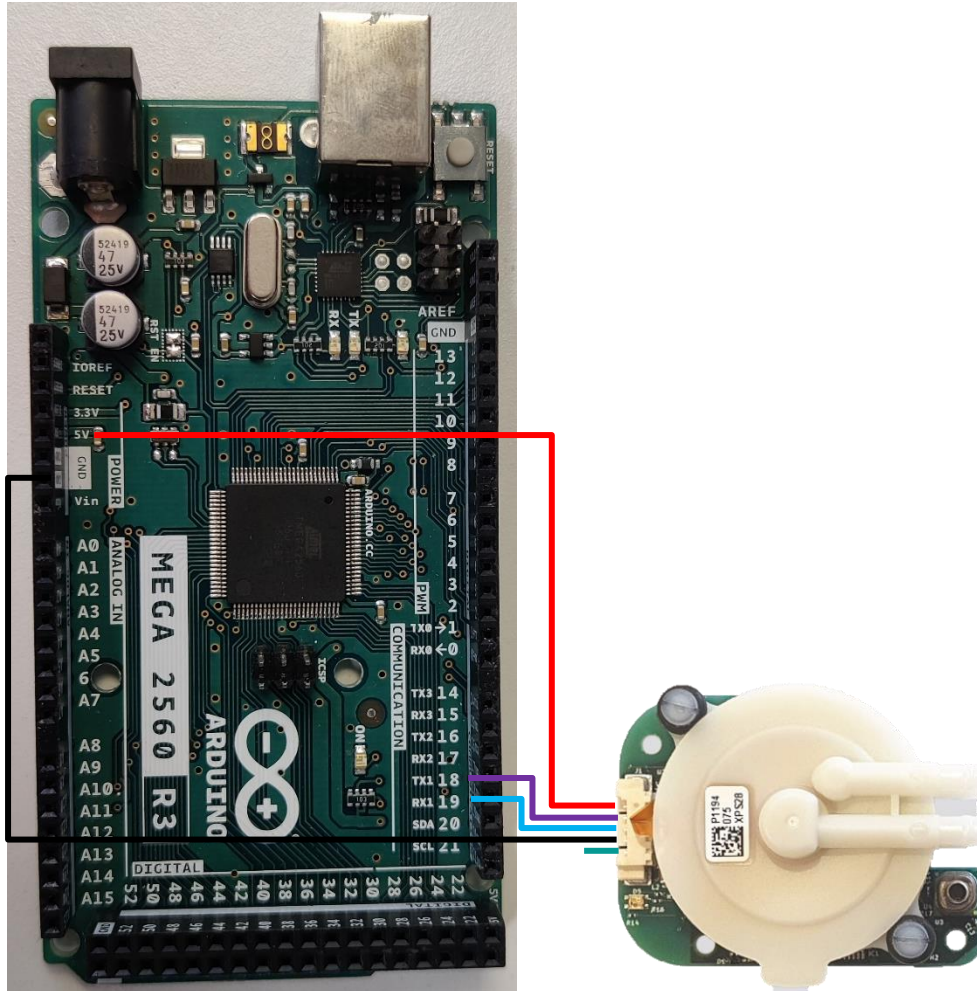




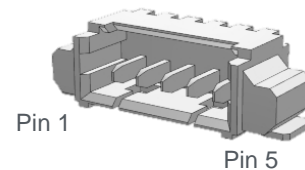
# SPM / GP UART ARDUINO WIRING DIAGRAM

## 1. Smart Pump Module (SPM) over UART

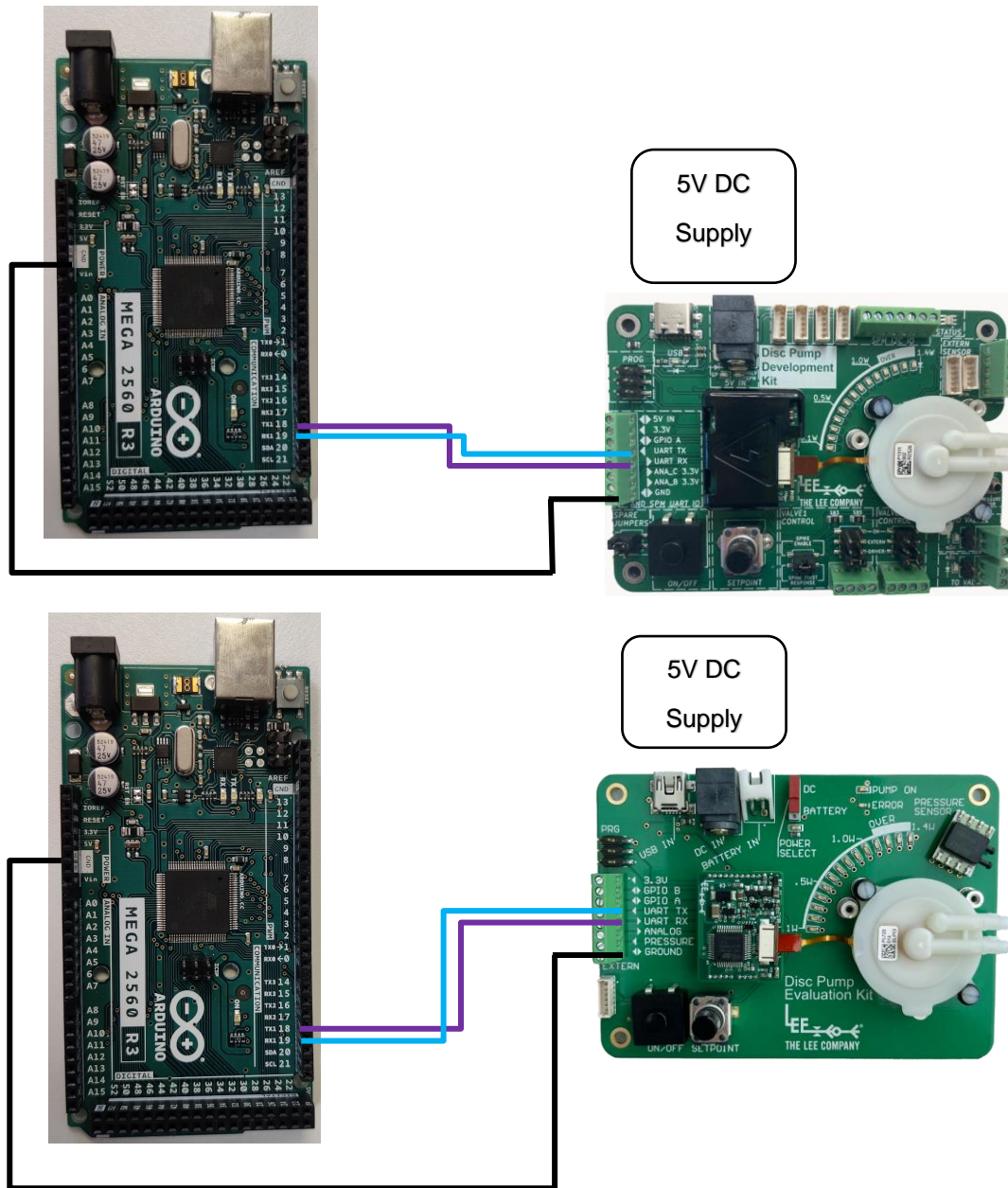


Connect the following:

- SPM pin 1 (VCC) – Arduino 5V pin
- SPM pin 2 (UART RX) – Arduino TX1 pin
- SPM pin 3 (UART TX) – Arduino RX1 pin
- SPM pin 4 (GND) – Arduino GND pin
- SPM pin 5 (Analog in) – Not connected



## 2. GP Driver on Development Kit or Evaluation Kit over UART



Connect the following:

- Development/Evaluation kit UART RX – Arduino TX1 pin
- Development/Evaluation kit UART TX – Arduino RX1 pin
- SPM pin 4 (GND) – Arduino GND pin
- Connect an external power supply to the kit (e.g., through the DC in barrel plug).
- **Do not connect the USB connector to the Development Kit or Evaluation Kit** as it uses the same UART connection as the screw header and will interfere with the communication between the Arduino and the driver board.