# Production Programming

## Host-based Programming

Talaria TWO module when connected to the Host microcontroller/processor can also perform firmware upgrade. Host Interface SPI/UART block diagram is as shown in Figure 18.

Graphical user interface

Description automatically generatedDiagram, schematic

Description automatically generated

Figure 18: Host Programming UART/SPI Slave



Figure 19: Evaluation board connector details

The cable part number: 161340801 as shown in Figure 19 will be provided for programming. The mating connector for the same, with part number: 532610871 is as shown in Figure 20. This connector can be used on the factory setup application board along with the factory loader software application to program the modules.



Figure 20: Programming Connector

Ensure to isolate the programing header from the host communication MCU/MPU header by adding jumper options on the application board.