

Example Program Pseudocode

The example program is included in the SDK for two reasons, to allow you to start communicating with the Touch Sensor Module and to serve as a starting point for creating your own application.

This is the algorithm implemented by the program.

1. Initialize the Touch Sensor Module.
2. Initiate signal handler (CTRL+C for shutdown).
3. Create a new connection to device using HID Pipe.
4. Connect to device using connection from step 3.
5. Read response from connection.
6. Optional: Search for platform device.
7. Search for the Touch Sensor Module.
8. Send command Set Operation Modes to the Touch Sensor Module.
9. Loop until interrupt signal from user (CTRL+C).
 - a. Read incoming message.
 - b. Dump incoming message (display it for the user).
 - c. If incoming message is OperationModesMessageType
 - i. Send command Get Mcu Unique Identifier to the Touch Sensor Module.
 - d. If incoming message is McuUniqueIdentifierMessageType
 - i. Send command Set Enable to the Touch Sensor Module.
10. Disconnect connection.
11. Free up connection memory.
12. Uninitialize the Touch Sensor Module.

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