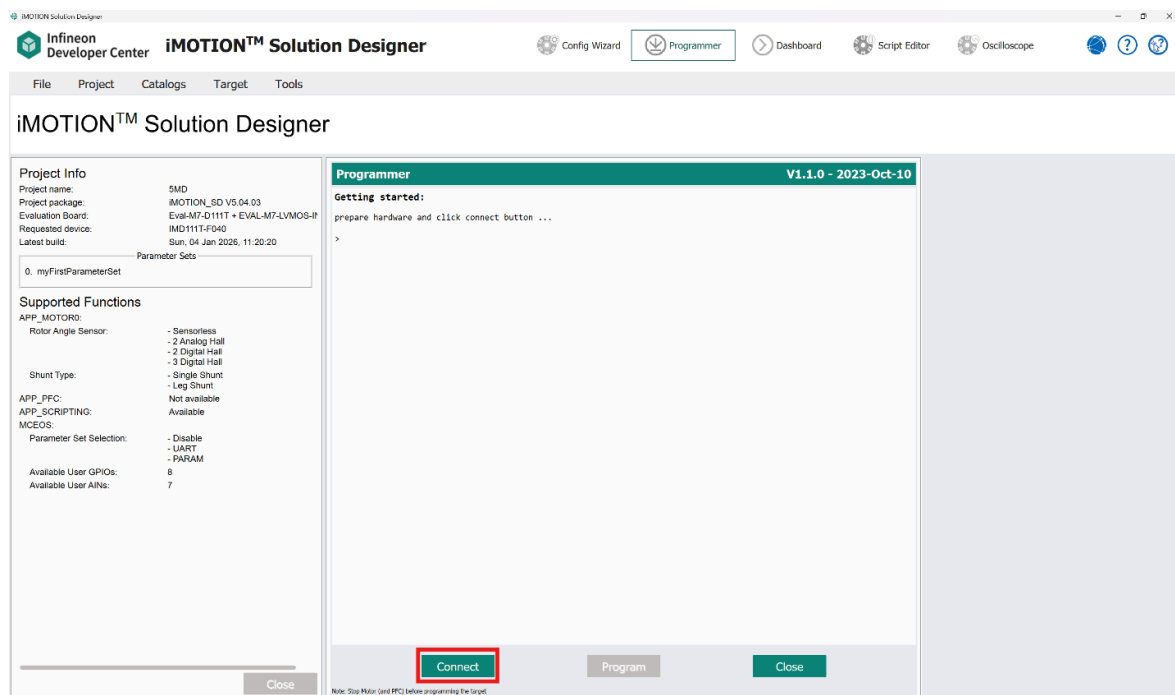
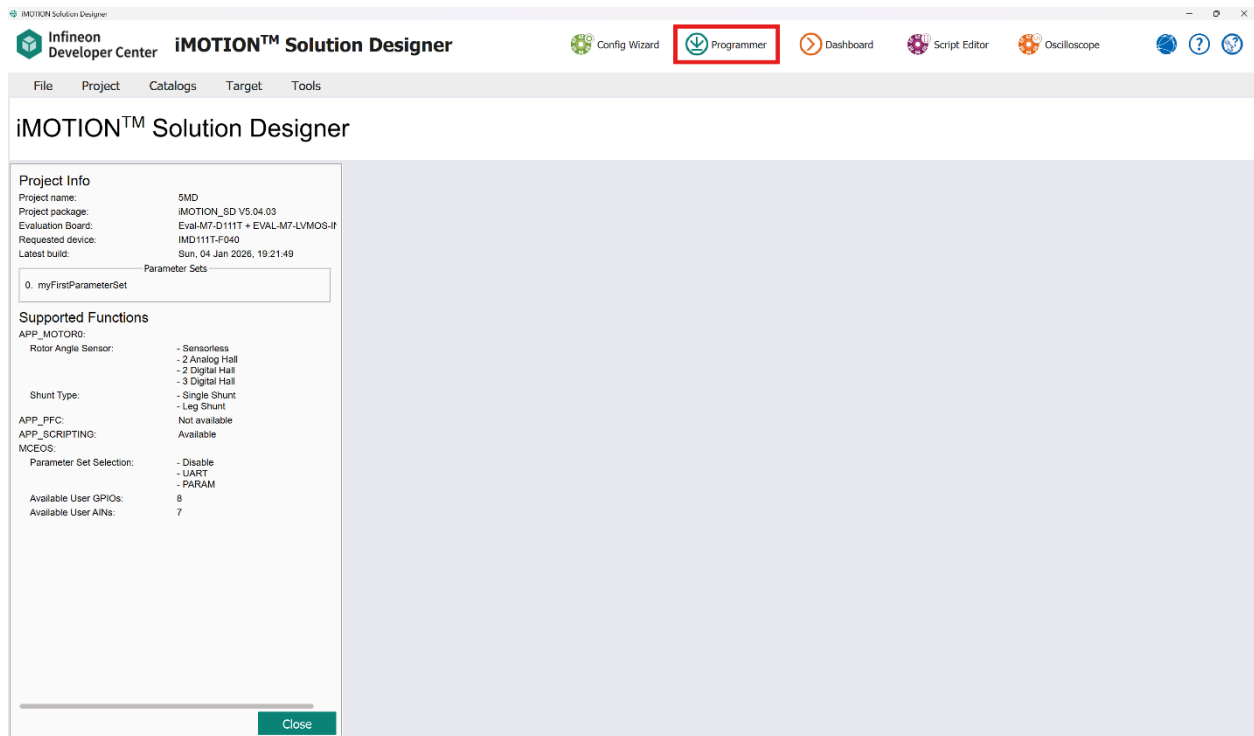


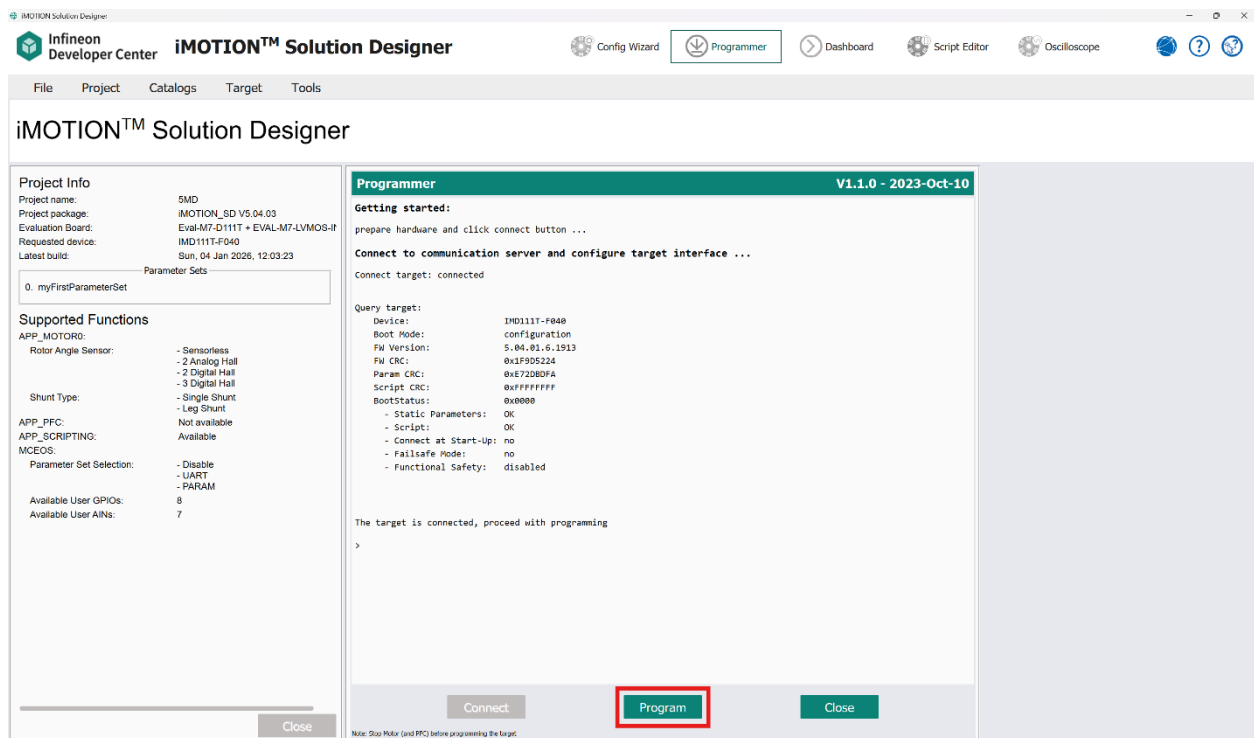
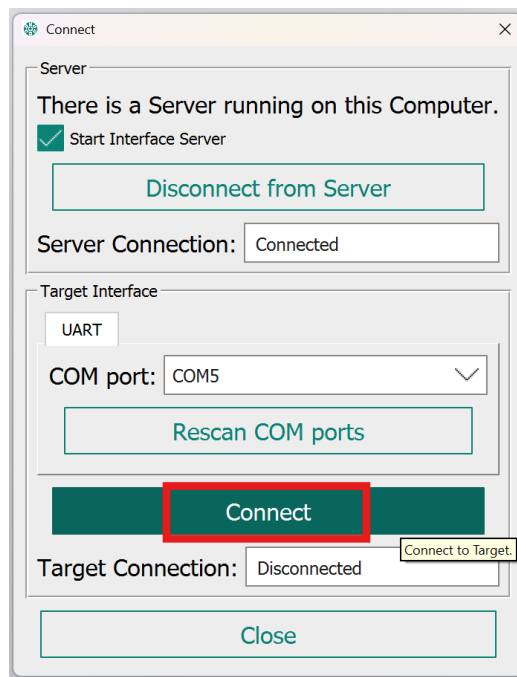
Návod na pripojenie prípravku

Konfiguračný súbor stiahnete na linku:

<https://github.com/xchovanecm/5MD-electronics/tree/83ef5e0b24d63cbb53c21cdaceceac4f081e6b0f/BLDC%205MD%20electronics>

Pri otváraní programu zvolte súbor BLDC 5MD electronics\settings\MOTOR.cwproj





Infineon Developer Center

iMOTION™ Solution Designer

Config Wizard

Programmer

Dashboard

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Oscilloscope

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iMOTION™ Solution Designer

Project Info

Project name: 5MD
Project package: IMOTION_SD V5.04.03
Evaluation Board: Eval-M7-D111T + EVAL-M7-LVMOS-IT
Requested device: IMD111T-F040
Latest build: Sun, 04 Jan 2026, 12:03:23

Parameter Sets
0. myFirstParameterSet

Supported Functions

APP_MOTOR0:
Rotor Angle Sensor:

- Sensorless
- 2 Analog Hall
- 2 Digital Hall
- 3 Digital Hall

Shunt Type:

- Single Shunt
- Leg Shunt

APP_PFC:
APP_SCRIPTING:
MCEOS:
Parameter Set Selection:

- Disable
- UART
- PARAM

Available User GPIOs: 8
Available User AINs: 7

Programmer

V1.1.0 - 2023-Oct-10

Getting started:

prepare hardware and click connect button ...

Connect to communication server and configure target interface ...

Connect target: connected

Query target:
Device: IMD111T-F040
Boot Mode: configuration
FW Version: 5.04.01.6.1913
FW CRC: 0x1F905224
Param CRC: 0xE720B0FA
Script CRC: 0xFFFFFFFF
BootStatus: 0x0000

- Static Parameters: OK
- Script: OK
- Connect at Start-Up: no
- Failsafe Mode: no
- Functional Safety: disabled

The target is connected, proceed with programming

Download Configuration: configuration downloaded

Disconnect target: disconnected

Target was programmed successfully

>

Connect

Program

Close

Note: Stop Motor (and PFC) before programming the target.

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Project Info

Project name: 5MD
Project package: IMOTION_SD V5.04.03
Evaluation Board: Eval-M7-D111T + EVAL-M7-LVMOS-IT
Requested device: IMD111T-F040
Latest build: Sun, 04 Jan 2026, 09:31:14

Parameter Sets
0. myFirstParameterSet

Supported Functions

APP_MOTOR0:
Rotor Angle Sensor:

- Sensorless
- 2 Analog Hall
- 2 Digital Hall
- 3 Digital Hall

Shunt Type:

- Single Shunt
- Leg Shunt

APP_PFC:
APP_SCRIPTING:
MCEOS:
Parameter Set Selection:

- Disable
- UART
- PARAM

Available User GPIOs: 8
Available User AINs: 7

Close

Info

Download Parameters to target before switching to Dashboard?

Yes

No

