Programming the STM32F746G-Discovery Board

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Abstract

This paper gives an overview on how to program the STM-Discovery board with STM32Cube, Eclipse and a GNU Compiler. Also it deals with the inclusion of C/C++ code which was generated from Simulink models such as the DataAcquire.slx model.

1 Requirements

- Eclipse IDE
- GNU ARM Eclipse Plug-In
- GCC ARM tool-chain
- STM32CubeMx

2 Options

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2.1 Sensodrive

2.2 Maxon

2.3 Robodrive

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3 Conclusion