



Software

All software used in EiE is available free. The versions used in the book are archived on the EiE website. Go to embeddedinembedded.com > Learn > EiE ASCII. Software downloads are on the right-hand sidebar under “Quick Links.”

The book details IAR installation in section 2.2. Other software tools are described in section 2.6. You can also follow the online module, “Development Software Suite” for installation instructions.

EiE Quick Links

[EiE Job Board](#)

[Firmware on GitHub](#)

Downloads:

[SAM3U User Guide](#)

[IAR 7.20 Download](#)

[EiE Software Bundle Download](#)

Schematics:

[ASCII EIEF1-01](#)

[ASCII MPGL1-03](#)

[Dot Matrix MPGL2-02](#)

Firmware

All EiE firmware is stored on Github. Search for user “eiefirmware” and choose the “eiebook” repository. There is also a link on the EiE page Quick Links.

Direct link: <https://github.com/eiefirmware/eiebook>

Each chapter has a branch. The complete code is in the “Final” branch. Full details are in section 2.7 of the book.

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Code Issues 0 Pull requests 0 Projects 0 Security Insights

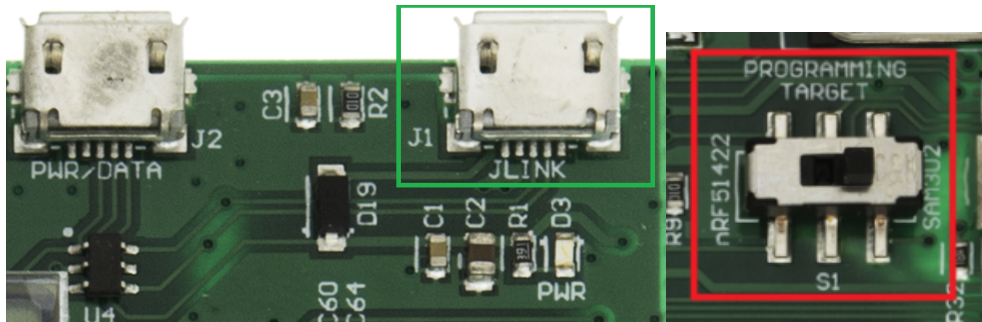
Companion code to Embedded in Embedded textbook

1 commit 14 branches 0 releases 0 contributors

Branch: master New pull request Find File Clone or download

Hardware

EiE development boards have two micro USB connections. Either or both can be plugged in to power the board. The right-side connector, J1 “JLINK/CDC” is connected to the programmer JTAG processor and is also the debug serial port interface. Make sure the PROGRAMMING TARGET switch is in the “SAM3U2” position (to the right).



To ensure proper debugging operation, it is important to run J-Link driver DLL version 6.10e on your PC. J-Link software is included in the EiE Software Bundle. Newer versions of IAR may attempt to update the J-Link firmware on the EIE development board which is NOT recommended. You can use the J-Link DLL Updater to assign which DLL is active for versions of IAR.

