

UP SDK for Windows 10 and Windows IoT

UpFrameworkSetup-210422

https://aaeon365-my.sharepoint.com/:f:/g/personal/software_aeon_eu/Epw84HJU5EpEtid9jywphq44BuPZnEFhAkCV6nOqAzLIEPg?e=nhBW7l

UpFramework_demo_apps_install

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Description

The SDK currently enables GPIO, I2C, SPI, and PWM on the 40 pin HAT connector under Microsoft Windows for all UP Products – UP, UP Core, UP Core Plus (via Carrier Boards), UP Squared, UP Squared Pro, UP Xtreme Lite, and UP Xtreme boards.

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UP FRAMEWORK WITH WINDOWS API/EAPI SUPPORT
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V21.04.22

Features Added:

1. Add support UPX-WHLite and UPX-TGL01 board
2. Add SPI support 16/24/32 bit length
3. Add Windows.Devices.Adc support
 1. Up/UpX support 1 channel 8 bit
 2. Up2 support 4 channel 12 bit
4. Add I2C/SPI bus select
5. I2c increase block transfer size to 256 bytes
6. Added Self-Diagnostic mechanism

Bug Fixed:

1. Up squared A1.0 A1.1 board I2C pins can't override to GPIO function
2. Up board SPI bus not working
3. Up squared GPIO output status wrong in some condition
4. I2c standard/fast speed change

NOTE: You can also find the framework demo apps on Github here ->
<https://github.com/aaeonaeu/win-demo-apps>