A-Link/A-Link-Pro

Firmware downloader

aFlasher32_V2 Version history

Version	Date	Description
V2.018.00	2026.08.06	Changed : Change device name A34G44A as A34G43A
V2.017.00	2026.07.10	Added : - A31L133 - A34M466
V2.016.00	2026.06.15	Added : - A31C111 - A31Q633
V2.015.00	2026.06.01	Added : - A34M438
V2.014.00	2026.04.13	Added : - A31C144
V2.010.00	2025.07.17	Added : - A34G44A
V2.006.00	2024.11.22.Fri	Added : - A31G336 - A34L716 - A34M456
V2.005.00	2024.10.21.Mon	Features : - Support WinUSB dongle
V2.004.04	2024. 8.28.Wed	Fixed : - A31S133/134 Configuration for LVR value
V2.004.02	2024. 8.12.Mon	Fixed : - A34M414/416/418

		Improve aLinkPro standalone mode programming algorithm
V2.004.01	2024. 8. 7.Wed	Fixed : - A33M116 data flash programming. Change flash loader for this device.
V2.004.00	2024. 7.16.Tue	Added : - A34M420
V2.003.01	2024. 4.23.Tue	Fixed : - Restore A34M series because this series had been disappeared in V2.003.00
V2.003.00	2024. 4. 4.Thu	Fixed : - Checksum calculation for Data memory - S/W launching failure is reported when ABOV home page does not respond.
V2.002.00	2024. 2.19.Mon	Changed : - Even if you does not attached CMSIS-DAP dongle, you can do these things. * change target device * upload hex file * view buffer and checksum - Default button of Checksum dialog is "OK". key board is CR (Carriage return)
V2.001.01	2023.12.11.Mon	Fixed : - A31G316 aLinkPro standalone mode code memory size fixed to 0x40000
V2.001.00	2023.11.13.Mon	Added : - A33G538, A33G539 (ECC embedded devices)
V2.000.04	2023.10.23.Mon	Fixed : - A31G11x option dialog sector count is x16 - A31G12x option dialog sector count is x32 Added : - A31M223 - A31S133, A31S134

V2.000.03	2023. 6.20.Tue	Fixed : - It was not executed when there is no internet connection to search new version from ABOV homepage - It runs even if there is no internet connection
V2.000.02	2023. 6. 6.Tue	Changed : - Check newer executable version of this program
V2.000.01	2023. 5.30.Tue	Fixed : - Modify aLink series searching algorithm - Display aLink F/W version
V2.000.00	2023. 4.20.Thu	Features : - Upgrade version of aFlasher32 V1.xxx.xx - Support Data area flash programming if exist Added devices : - All of aFlasher32 V1.xxx.xx, except AC33M3064, AC33M4064

Supported devices

A Series	Devices			
A30	A30M1432	A30M1464		
A31	A31E012 A31G111 A31G212 A31G226 A31G313 A31G324 A31L122 A31L213 A31R114 A31R713 A31T122 A31T214 A31T414 A31C111 A31Q633	A31G112 A31G213 A31G314 A31L123 A31L214 A31R118 A31T123 A31T216 A31C122	A31G122 A31G316 A31L133 A31C144	A31G123
A33	A33G523 A33M116	A33G524	A33G526	A33G527
A34	A34L716 A34M414 A34M420 A34M456 A34M466 A34G43A	A34M416	A34M418 A34M438	
Etc				

AC Series	Devices			
AC30M				
AC33M	AC33M6128	AC33M8128		
Etc				

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aFlasher32 Version history

Version	Date	Description
V1.021.00	2022.12.28.Wed	New features : - Support command line input Changed features : - Change executable file name "FW_downloader.exe" to "aFlasher32.exe" - Add Hot-keys for programming buttons - Device will be run after it is programmed Fixed devices : - A31G1xx Algorithm to get device's internal checksum
V1.020.00	2022. 7.20.Wed	Added devices : - A31L213, A31L214 Changed device features : - Device configuration dialog box for A31G112, A31L123
V1.019.01	2022. 6. 2.Thu	Changed device feature - Ignore trim check for A31G224, A31G226 You could not get trim data If device was protected from read
V1.018.01	2022. 2.23.Wed	Fixed devices : - Trim check bug : A31T122, A31T123, A31T214, A31T216
V1.018.00	2021.11.23.Tue	Added devices : - A31T122, A31T123 - A31T214, A31T216
V1.017.00	2021. 7.14.Wed	Changed features :

		- Checksum calculation area Default is whole code area Area checksum is supported
V1.016.00	2021. 6.17.Thu	Fixed device features : - Support latest A31R118 Added devices : - A31G226 - A33M116
V1.013.00	2020. 1.13.Mon	Fixed features : - Intel hex format record type 0x02 was ignored before. It is supported now.
V1.012.00	2019.11. 6.Wed	Fixed features : - Previous version moved our 8051 code generator site when it found newer version. Added devices : - A31E012 - A31L122, A31L123 - A31R713
V1.011.00	2019.10.11.Fri	Added devices : - A31G324 - A31T414 Fixed device features : - Configuration dialog matching A31G313, A31G316 A33G523, A33G524
V1.010.00	2019. 9. 5.Thu	Changed features : - Program name to aFlasher. - Ignore Intel hex 80x86 series record 0x03. - Change progress bar color to RED if error detected. Normally its color is GREEN. - Add bulk erase button and its function. - Show Hex buffer dump viewer window. Changed device features : - Show A31G111/112/122/123 configuration data. (User option + 2 pages of options)
V1.009.00	2019. 2.11.Mon	Changed features :

		- Add new CMSIS-DAP : A-LinkUart2 Added devices : - A31G314 → A31G313/316 - A33G526/527 → A33G523/524 Changed device features : - A31G111/112/122/123 : 2 more pages. Add user data configuration programming If hex file include conf. data, it will be programmed.
V1.008.00	2018.10.15.Mon	Added devices : - A34M414/416/418
V1.007.01	2018.11.21.Wed	Changed features : - Button positon swapped "Show Checksum" and "Show Conf." Fixed device features : - A31G111/112/122/123 programming at boot mode.
V1.007.00	2018.10.15.Mon	Added devices : - A31G212/213
V1.006.01	2018. 7.12.Thu	Changed device features : - A31G111/112/122/123 LVD option
V1.006.00	2018. 6.15.Fri	Changed features : - website Setup file path - nReset control is improved during SWD mode entry Added devices : - A31R118
V1.005.00	2018. 5.29.Tue	Added devices : - A31R114
V1.004.00	2018. 4.25.Wed	Changed features : - Add new CMSIS-DAP : A-LinkUart Added devices : - A31G314
V1.003.00	2018. 2. 8.Thu	Added devices : - A30M1432/1464
V1.002.00	2018. 1. 8.Mon	Added devices : - AC33M3064/4064

V1.001.00	2017.12.21.Thu	Added devices : - AC33M6128/8128
V1.000.00	2017.12. 1.Fri	First released version Added devices : - A31G111/112/122/123 - A33G526/527

Supported devices

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A30	A30M1432	A30M1464		
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A33	A33G523 A33M116	A33G524	A33G526	A33G527
A34	A34M414	A34M416	A34M418	
Etc				

AC Series	Devices			
AC30M	AC30M3064	AC30M4064		
AC33M	AC33M6128	AC33M8128		
Etc				