Nu-Link Driver for IAR EWARM Revision History

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TABLE OF CONTENTS

1 Revision History 3
2 Supported Debugger And Programmer 9
3 Supported Microcontroller 10
4 Resources 15

1 Revision History

Version	Release Date	Description
3.15	**2024/01/31**	• Added supported microcontroller: – Nuvoton M0+ Family: KM1M0G series. – Nuvoton M23 Family: NUC1263x4CE. – Nuvoton M4 Family: M433 series. – Nuvoton M55 Family: M55M1ES. • LCDView plug-in add touch key emulation function.
3.14	**2023/10/12**	• Added supported microcontroller: – Nuvoton M0 Family: Add M0A86 series. (M0A86SD2AE) – Nuvoton M23 Family: NUC1262YE4AE, NDA102UD2, NDA102TD2 and M2003 series. – Nuvoton M4 Family: M463S2GCAC, M463L2GCAC, M481LGCAEU. • EWARM v9.40: Fix the setup check warning of stack pointer after download.
3.13	**2023/08/03**	• Added supported microcontroller: – Nuvoton M23 Family: M253ZE3BE, M253LD3BE, M253LE3BE, M256KG6AE, M256SG6AE. – Nuvoton M4 Family: M463K3GCAC. – Nuvoton 8051 Family: MG51 and N76S003 series. • Support EWARM v9.40.
3.12	**2023/06/09**	• Added supported microcontroller: – Nuvoton M23 Family: M2L31 series and M2351CIAAE. – Nuvoton M4 Family: M485YIDAE.
3.11	**2023/02/17**	• Added supported microcontroller: – Nuvoton M0 Family: NM18402Y, and M091 series. – Nuvoton M23 Family: NDA102SE3. – Nuvoton M4 Family: M471CI8AE, M467S2JHAE, M467K2JHAE, M467J2JHAE, M467H2JHAE, M467H3JJHAE. • Update LCDView plug-in version to v1.05.0004.
3.10	**2022/11/15**	• Added supported microcontroller: – Nuvoton M0 Family: M0A23OC1ACU, M0A23EC1ACU, M029GGC0AE. – Nuvoton M23 Family: NUC1263 series, M2354LJFCE. – Nuvoton M4 Family: KM1M4B series. – Nuvoton M7 Family: KM1M7C series. – Nuvoton 8051 Family: NM1800 series. • Supported v9.30 plugin driver.

		• Renamed KM1M7 to KM1M7A/B.
3.09	**2022/06/02**	• Supported SWO trace (Nu-Link2-Pro only, via UART Rx interface). • Supported ETM for Cortex-M7 (Nu-Link2-Pro only, via trace interface).
3.08	**2021/12/24**	• Added supported microcontroller: – Nuvoton M4 Family: M460 series. – Nuvoton M23 Family: M258G series.
3.07	**2021/06/30**	• Added supported microcontroller: – Nuvoton M7 Family: KM1M7 series. – Nuvoton M0 Family: NM18407Y. • Supported SWO trace via UART mode [Nu-Link2-Pro, Nu-Link2-Me].
3.06	**2021/03/31**	• Added supported microcontroller: – NuMicro M0 Family: M031G series, M032BTAIAAN, M032BTAG8AN, N32F030 series. – NuMicro M23 Family: NUC1262 series. • Supported IAR EWARM9.
3.05	**2020/12/4**	• Added supported microcontroller: – NuMicro 8051 Family: MS51EB0AE.
3.04	**2020/9/24**	• Added supported microcontroller: – NuMicro M0 Family: M031TE3AE. – NuMicro M23 Family: M2351SFSIAAP.
3.03	**2020/7/17**	• Supported C-SPY SDK 8.50. • Added supported microcontroller: – NuMicro M0 Family:NUC131LC2AEU, NUC131SC2AEU, NUC131LD2AEU, NUC131SD2AEU, NUC029MDE, M030FD2AE, NM18307Y, M071 series, M030G series, M0A21 series, M0515 and NM1240 series. – NuMicro M23 Family: NDA102SD, M258, M2354 series. – NuMicro M4 Family: M487KMCAN, M471 series. – NuMicro 8051 Family: ML56 series.
3.02	**2020/2/1**	• Supported C-SPY SDK 8.42. • Added supported microcontroller: – NuMicro M4 Family: M48x8AE, M48xCAE, M479 series and M487KMCAN. – NuMicro M0 Family: M031BTYE3AN, M030TD2AE, M030LD2AE, M031BTYD2AN, M058MDE, NM18202S, NM1232D, NM1220EBK0, NM1232Y.
3.01	**2019/9/30**	• Added C-SPY SDK 8.40 support. • Supported NUC1311, M032C/D for NuMicro M0 series. • Supported MR63 for NuMicro M23 series.

3.00	**2019/5/3**	• Added TF5100/ M031 (256/512 KB) for Cortex M0 series. • Added M261 for Cortex M23 series. • Supported EW8051 10.30 for 8051 series. • Supported Nu-Link2 ICE adapter.
2.06	**2019/02/26**	• Cortex-M – Supported M480LD for NuMicro M4 series. – Supported NM1230 for Motor MCU. – Supported C-SPY SDK 8.32. – Fixed SP display problem of M252 series. • EW8051 – Supported ML51/MS51 for NuMicro 8051 series.
2.05	**2018/09/06**	• Cortex-M – Supported Nu-Link2. – Supported NUC029DE/EE/GE, NUC2201, NUC1261, NDA102, M031, NM1230 for NuMicro M0 series. – Supported M4521 for NuMicro M4 series. – Supported IAR EWARM 830. • EW8051 – Supported Nu-Link2.
2.04.6725	**2018/04/03**	• CortexM – Improved download performance around 5%. • EW8051 – Added .ini file under project directory to save user configurations. – Supported SFR Page Selection and SPROM mapping.
2.03.6674	**2017/12/11**	• Supported M2351 for NuMicro M23 series. • Supported N76E003, N76E616, N76E885 for NuMicro 8051 series.
2.02.6629	**2017/06/23**	• Supported IAR EWARM 810. • Supported NuConsole, it can show printf log on screen via SWD interface. Please check "NuConsole Plug-in" section of user manual in installation directory. • Supported Mini57 for NuMicro M0 series. • Supported M480 for NuMicro M4 series. • Supported I94000 for NuVoice series.
2.01.6592	**2017/01/13**	• Supported NUC121, NUC125, NUC126, M0564, NM1810 and I91200 series. • Supported ewarm780-cspysdk for IAR.
2.00.6561	**2016/07/22**	• Supported ISD9032 for NuVoice series • Updated DDF file of NM1120, NM1330, NM1820, Nano103 for

		register display. • Supported ewarm760-cspysdk for IAR. • Fixed the issue that can't erase SPROM.
1.31.6535	**2016/02/01**	• Supported Nano103, NM1120, NM1330, NM1820 for NuMicro M0 series. • Supported N575, N576 and N570 for NuVoice series • Updated DDF file of Mini58DE, M451 and NUC505 for register display. • Renamed the part number Mini51X to Mini55. • Supported ewarm750-cspysdk for IAR.
1.30.6491	**2015/07/21**	• NUC230/240AE: Supported 8 KB LDROM (4 KB in previous version). • Mini58: Supported 2.5 KB LDROM (2 KB in previous version). • Nano112: Fixed ICE connection failed when target chip is in Power-down mode. • Supported runtime hardware breakpoint setting. • Renamed NUC123BE to NUC123AE.
1.29.6425	**2015/03/27**	• Supported ewarm740-cspysdk for IAR. • Disabled Watchdog while programming target Flash to avoid failure caused by Watchdog reset. • Replaced ICE clock 16 MHz with 12 MHz for compatibility issue. • Added part number: NUC220LE3AE. • Supported M0519, NM1320 and Mini58 for NuMicro M0 series. • Provided an option to install Bulk USB driver when Nu-Link driver installation completed.
1.28.6386	**2015/01/14**	• Supported USB Bulk mode which can improve downloading and programming speed on Win7. • Added part number: NUC120LD2DE. • Supported NUC505 for NuMicro M4 series. • Supported NUC029 for NuMicro M0 series. • Supported ewarm730-cspysdk for IAR.
1.27.6340	**2014/9/29**	• Supported ISD9361 for ARM based Audio series. • Supported N571P032, N572F065 and N572F072 for NuVoice series. • Added part numbers: M4LEDRG6AE, M4LEDRE6AE, M4LEDLG6AE, M4LEDLE6AE. • Added part number: NUC100VE3DE.
1.26.6314	**2014/07/21**	• Supported M0518 for NuMicro M0 series. • Added M452 and M453 part number for M451 series.
1.25.6287	**2014/05/22**	• Supported NUC131 for NuMicro M0 series. • Supported M451 for NuMicro M4 series. • Supported one computer can be connected to 10 Nu-Link devices simultaneously.

		• Supported PinView function which can help user to debug and observe pin status on a user friendly GUI. • Supported ewarm710-cspysdk for IAR. • Added data breakpoint support. • Renamed the part number MT530 to NM1530.
1.24.6211	**2014/01/16**	• Supported Nano112AN and AU9110 for NuMicro M0 series. • Support ewarm660-cspysdk for IAR.
1.23.6103	**2013/10/25**	• Re-classified chip selection. • Supported M051DN, M051DE, Mini51DE, NUC100EN, NUC200AE, MT500BE for NuMicro M0 series. • Supported NUC442/472 for NuMicro M4 series. • Support ewarm6503-cspysdk for IAR. • Added flash download verification function.
1.22.6040	**2013/07/09**	• Supported M058S AN, M051 DN, M05x CN and NANO100 AN series. • Added an error message to terminate the download process if image size is larger than APROM size.
1.21.5905	**2012/12/27**	• Updated config files for MINI51, MT500, NANO100, NUC100AN/BN/DN, NUC123 and NUC200 series. • Added config files for NUC100CN and NUC122 series. • Updated some naming and grouping of register.
1.20.5881	**2012/12/19**	• Added config files for NUC123 series. • Updated the config files of M051 and NANO100 BN series. • Modified config0 boot select options in NANO100 BN series.
1.19.5786	**2012/10/24**	• Supported NUC100 DN, NUC123, NUC200, NANO100 BN, MT500, MINI51 BN and M051 CN series. • Supported memory/register read during free running. • Integrated Viewer Tool.
1.18.5320	**2011/11/17**	• Modified the device configuration file to fix the reset problem. • Added the message window to show unsupported information for IAR 5.40 or lower.
1.17.5218	**2011/08/11**	• Supported NANO100 and MINI51 series. • Supported to select multiple Nu-Links. • Updated to not to show firmware update dialog if Nu-Link firmware is compatible. • Supported the erase function for locked chips. • Added a link to nuvoton-m0.com on GUI. • Supported IAR 6.21. • Updated CAN registers for NUC130/NUC140 CN.

1.05.5008	**2011/05/04**	• Supported M051 BN and NUC100 CN series. • Removed Simplified Chinese documents for Traditional Chinese installer. • Supported LED indication for USB/Target power. • Supported to adjust target power by Nu-Link pro.
1.03.4228	**2010/12/08**	• Release primary version.

2 Supported Debugger and Programmer

Debugger and Programmer	Device Type	Supported Product
Nu-Link2-Pro	Stand-alone	NuMicro 8051 (1T) / M0 / M23 / M4 / M7 Family
Nu-Link-Pro	Stand-alone	NuMicro 8051 (1T) / M0 / M23 / M4 Family
Nu-Link	Stand-alone	NuMicro 8051 (1T) / M0 / M23 / M4 Family
Nu-Link2-Me	Attached to NuMicro EVB	NuMicro 8051 (1T) / M0 / M23 / M4 / M7 Family
Nu-Link-Me	Attached to NuMicro EVB	NuMicro 8051 (1T) / M0 / M23 / M4 Family

3 Supported Microcontroller

Product Line	Series	Part Number
NuMicro® 8051 Family	MS51	MS51BA9AE, MS51DA9AE, MS51XB9AE, MS51XB9BE, MS51FB9AE, MS51FC0AE, MS51XC0BE, MS51EC0AE, MS51TC0AE, MS51PC0AE, MS51EB0AE
	ML51	ML51BB9AE, ML51DB9AE, ML51FB9AE, ML51OB9AE, ML51XB9AE, ML51EB9AE, ML51UB9AE, ML51PB9AE, ML51TB9AE, ML51EC0AE, ML51UC0AE, ML51PC0AE, ML51TC0AE, ML51TD1AE, ML51LD1AE, ML51SD1AE, ML54MD1AE, ML54LD1AE, ML54SD1AE, ML56MD1AE, ML56LD1AE, ML56SD1AE
	MG51	MG51XB9AE, MG51FB9AE, MG51XC9AE, MG51FC9AE
	MUG51	MUG51TB9AE
	N76E003	N76E003AT20, N76E003AS20, N76E003AQ20, N76E003BQ20, N76E003CQ20
	N76E616	N76E616AL48, N76E616AF44, N76E616AM44
	N76E885	N76E885AT28, N76E885AT20, N76E885AQ20, N76E885AS28
	N76S003	N76S003AQ20, N76S003AT20
NuMicro® M0 Family	Mini51	MINI51LAN, MINI51ZAN, MINI51TAN, MINI52LAN, MINI52ZAN, MINI52TAN, MINI54LAN, MINI54ZAN, MINI54TAN, MINI51LDE, MINI51QDE, MINI51ZDE, MINI51TDE, MINI51FDE, MINI52LDE, MINI52QDE, MINI52ZDE, MINI52TDE, MINI52FDE, MINI54LDE, MINI54QDE, MINI54ZDE, MINI54TDE, MINI54FDE, MINI54FHC
	Mini55	MINI55LDE, MINI55ZDE, MINI55TDE
	Mini57	MINI57EDE, MINI57FDE, MINI57XDE, MINI57TDE
	Mini58	MINI58FDE, MINI58LDE, MINI58QDE, MINI58TDE, MINI58ZDE
	M030G	M029GGC0AE, M030GGD1AE, M030GTD1AE, M030GGC1AE, M030GTC1AE M030GGC0AE, M030GTC0AE
	M031G	M031GGD2AE, M031GTD2AE, M031GGC2AE, M031GTC2AE M031GGC1AE, M031GTC1AE
	M030	M030TD2AE, M030LD2AE, M030FD2AE
	M031	M031BTYD2AN, M031BTYE3AN, M031LE3AE, M031SE3AE, M031TE3AE, M031TD2AE, M031LD2AE, M031LC2AE, M031SD2AE, M031SC2AE, M031FC1AE, M031EC1AE, M031TC1AE, M031FB0AE, M031EB0AE, M031TB0AE, M031SIAAE, M031KIAAE, M031LG8AE, M031SG8AE, M031KG8AE, M031LG6AE, M031SG6AE, M031KG6AE
	M032	M032BTAIAAN, M032BTAG8AN, M032LE3AE, M032SE3AE, M032SIAAE, M032KIAAE, M032LG8AE, M032SG8AE, M032KG8AE, M032LG6AE, M032SG6AE, M032KG6AE, M032TD2AE, M032LD2AE, M032LC2AE, M032FC1AE, M032EC1AE, M032TC1AE
	M051	M052LAN, M052ZAN, M054LAN, M054ZAN, M058LAN, M058ZAN, M0516LAN, M0516ZAN, M052LBN, M052ZBN, M054LBN, M054ZBN, M058LBN, M058ZBN, M0516LBN, M0516ZBN, M052LDN, M052ZDN, M054LDN, M054ZDN, M058LDN, M058ZDN, M0516LDN, M0516ZDN, M052LDE, M052ZDE, M054LDE, M054ZDE, M058LDE, M058ZDE, M058MDE, M0516LDE, M0516ZDE

	M0515	M0515LDE
	M0518	M0518LD2AE, M0518LC2AE, M0518SD2AE, M0518SC2AE
	M0519	M0519LD3AE, M0519LE3AE, M0519SD3AE, M0519SE3AE, M0519VE3AE
	M0564	M0564LE4AE, M0564LG4AE, M0564SE4AE, M0564SG4AE, M0564VG4AE
	M058S	M058SLAN, M058SZAN, M058SSAN, M058SFAN
	M071	M071MC2AE, M071MD2AE, M071R1D3AE, M071R1E3AE, M071SD3AE, M071SE3AE, M071VG4AE
	M091	M091TC2AE, M091TD2AE, M091YC2AE, M091YD2AE
	M0A21	M0A21OB1AC, M0A21OC1AC, M0A21EB1AC, M0A21EC1AC, M0A23OC1AC, M0A23EC1AC, M0A23OC1ACU, M0A23EC1ACU
	M0A86	M0A86SD2AE
	NUC029	NUC029NAN, NUC029LAN, NUC029TAN, NUC029CIG1, NUC029ZAN, NUC029TAE, NUC029FAE, NUC029LDE, NUC029SDE, NUC029LEE, NUC029SEE, NUC029LGE, NUC029SGE, NUC029KGE
	NUC100	NUC100LE3AN, NUC100LD3AN, NUC100RE3AN, NUC100RD3AN, NUC100VE3AN, NUC100VD3AN, NUC100VD2AN, NUC100LE3DN, NUC100LD3DN, NUC100LD2DN, NUC100LD1DN, NUC100LC1DN, NUC100RE3DN, NUC100RD3DN, NUC100RD2DN, NUC100RD1DN, NUC100RC1DN, NUC100VE3DN, NUC100VD3DN, NUC100VD2DN, NUC100VE3DE, NUC120LE3AN, NUC120LD3AN, NUC120RE3AN, NUC120RD3AN, NUC120LE3AN, NUC120VE3AN, NUC120VD3AN, NUC120VD2AN, NUC120LE3DN, NUC120LD3DN, NUC120LD2DN, NUC120LD1DN, NUC120LC1DN, NUC120VE3DN, NUC120VD3DN, NUC120VD2DN, NUC120RE3DN, NUC120RD3DN, NUC120RD2DN, NUC120RD1DN, NUC120RC1DN, NUC120LD2DE
	NUC121	NUC121ZC2AE, NUC121LC2AE, NUC121SC2AE, NUC121WC2AE, NUC121Y25CN
	NUC122	NUC122LD2AN, NUC122LC1AN, NUC122SD2AN, NUC122SC1AN, NUC122ZD2AN, NUC122ZC1AN, NUC122ZD2DN, NUC122LD2DN, NUC122SD2DN, NUC122ZC1DN, NUC122LC1DN, NUC122SC1DN
	NUC123	NUC123SC2AN1, NUC123SD4AN0, NUC123LC2AN1, NUC123LD4AN0, NUC123ZC2AN1, NUC123ZD4AN0, NUC123SC2AE1, NUC123SD4AE0, NUC123LC2AE1, NUC123LD4AE0, NUC123ZC2AE1, NUC123ZD4AE0
	NUC125	NUC125ZC2AE, NUC125LC2AE, NUC125SC2AE
	NUC126	NUC126LE4AE, NUC126LG4AE, NUC126SE4AE, NUC126SG4AE, NUC126VG4AE, NUC126NE4AE
	NUC1261	NUC1261NE4AE, NUC1261LE4AE, NUC1261LG4AE, NUC1261SE4AE, NUC1261SG4AE
	NUC130	NUC130LE3CN, NUC130LD2CN, NUC130LC1CN, NUC130RE3CN, NUC130RD2CN, NUC130RC1CN, NUC130VE3CN
	NUC131	NUC131LD2AE, NUC131LC2AE, NUC131SD2AE, NUC131SC2AE, NUC131LD2AEU, NUC131LC2AEU, NUC131SD2AEU, NUC131SC2AEU
	NUC1311	NUC1311LD2AE, NUC1311LC2AE

	NUC140	NUC140LE3CN, NUC140LD2CN, NUC140LC1CN, NUC140RE3CN, NUC140RD2CN, NUC140RC1CN, NUC140VE3CN
	NUC200	NUC200LE3AN, NUC200LD2AN, NUC200LC2AN, NUC200VE3AN, NUC200SE3AN, NUC200SD2AN, NUC200SC2AN, NUC220LE3AN, NUC220LD2AN, NUC220LC2AN, NUC220VE3AN, NUC220SE3AN, NUC220SD2AN, NUC220SC2AN
	NUC2201	NUC2201LE3AE, NUC2201SE3AE
	NUC230	NUC230LC2AE, NUC230LD2AE, NUC230LE3AE, NUC230SC2AE, NUC230SD2AE, NUC230SE3AE, NUC230VE3AE
	NUC240	NUC240LC2AE, NUC240LD2AE, NUC240LE3AE, NUC220LE3AE, NUC240SC2AE, NUC240SD2AE, NUC240SE3AE, NUC240VE3AE
	Nano100	Nano100ZD3AN, Nano100ZD2AN, Nano100VD3AN, Nano100VD2AN, Nano100SD3AN, Nano100SD2AN, Nano100LD3AN, Nano100LD2AN, Nano100ZC2AN, Nano100SC2AN, Nano100LC2AN, Nano100KE3BN, Nano100SE3BN, Nano100LE3BN, Nano100KD3BN, Nano100SD3BN, Nano100SD2BN, Nano100LD3BN, Nano100LD2BN, Nano100SC2BN, Nano100LC2BN, Nano100NE3BN, Nano100ND3BN, Nano100ND2BN, Nano100WE3BN
	Nano102	Nano102ZB1AN, Nano102ZC2AN, Nano102LB1AN, Nano102LC2AN, Nano102SC2AN
	Nano103	Nano103ZD3AE, Nano103LD3AE, Nano103SD3AE
	Nano110	Nano110KE3BN, Nano110SE3BN, Nano110KD3BN, Nano110KD2BN, Nano110SD3BN, Nano110SD2BN, Nano110KC2BN, Nano110SC2BN, Nano110RC2BN, Nano110RD2BN, Nano110RD3BN
	Nano112	Nano112LB1AN, Nano112LC2AN, Nano112SB1AN, Nano112SC2AN, Nano112RB1AN, Nano112RC2AN, Nano112VC2AN
	Nano120	Nano120VD3AN, Nano120VD2AN, Nano120SD3AN, Nano120SD2AN, Nano120LD3AN, Nano120LD2AN, Nano120SC2AN, Nano120LC2AN, Nano120ZD3AN, Nano120ZD2AN, Nano120ZC2AN, Nano120KE3BN, Nano120SE3BN, Nano120LE3BN, Nano120KD3BN, Nano120SD3BN, Nano120SD2BN, Nano120LD3BN, Nano120LD2BN, Nano120SC2BN, Nano120LC2BN
	Nano130	Nano130VD3AN, Nano130KE3BN, Nano130SE3BN, Nano130KD3BN, Nano130KD2BN, Nano130SD3BN, Nano130SD2BN, Nano130KC2BN, Nano130SC2BN
	NDA102	NDA102EC1, NDA102FC1 NDA103EC1, NDA103FC1
NuMicro® M0+ Family	**KM1M0G**	KM1M0GF01KUB, KM1M0GF02KUB, KM1M0GF03KUB, KM1M0GF04KUB, KM1M0GF01ZUB, KM1M0GF02ZUB, KM1M0GF03ZUB, KM1M0GF04ZUB, KM1M0GF11ZUB, KM1M0GF12ZUB, KM1M0GF13ZUB, KM1M0GF14ZUB
NuMicro® M23 Family	**M251**	M251FC2AE, M251EC2AE, M251ZC2AE, M251SC2AE, M251LC2AE, M251SD2AE, M251LD2AE, M251ZD2AE, M251KE3AE, M251SE3AE, M251LE3AE, M251KG6AE, M251SG6AE, M251LG6AE, M252FC2AE, M252EC2AE, M252ZC2AE, M252SC2AE, M252LC2AE, M252SD2AE, M252LD2AE, M252ZD2AE, M252KE3AE, M252SE3AE, M252LE3AE, M252KG6AE, M252SG6AE, M252LG6AE, M254MD2AE, M254SD2AE, M254SD3AE, M254SE3AE, M254SG6AE, M254KE3AE, M254KG6AE, M256MD2AE, M256SD2AE, M256SE3AE, M256KE3AE, M256KG6AE, M256SG6AE, M258SE3AE, M258KE3AE, M258KG6AE, M258SG6AE, M253ZE3AE, M253LE3AE, M253LD3AE, M253ZE3BE, M253LE3BE, M253LD3BE

	NUC1262	NUC1262NE4AE, NUC1262LE4AE, NUC1262SE4AE, NUC1262YE4AE
	NUC1263	NUC1263SD4AE, NUC1263LD4AE, NUC1263ND4AE, NUC1263ZD4AE, NUC1263SD4CE, NUC1263LD4CE, NUC1263ND4CE, NUC1263ZD4CE
	NDA102	NDA102UD2, NDA102TD2, NDA102SD2, NDA102SE3
	M261	M261KIAAE, M261SIAAE, M261ZIAAE, M262KIAAE, M262SIAAE, M262ZIAAE, M263KIAAE, M263SIAAE, M263ZIAAE
	M2351	M2351KIAAE, M2351SIAAE, M2351CIAAE, M2351ZIAAE, M2351SFSIAAP
	M2354	M2354ES, M2354KJFAE, M2354SJFAE, M2354LJFAE, M2354LJFCE
	M2L31	M2L31KIDAE, M2L31KGDAE, M2L31SIDAE, M2L31SGDAE, M2L31LIDAE, M2L31LGDAE, M2L31YIDAE, M2L31YGDAE, M2L31CIDAE, M2L31CGDAE
	M2003	M2003FC1AE, M2003XC1AE, M2P481QC1AE, KN44490A
NuMicro® M4 Family	**M451**	M451VG6AE, M451VE6AE, M451RG6AE, M451RE6AE, M451LG6AE, M451LE6AE, M451RD3AE, M451RC3AE, M451LD3AE, M451LC3AE, M452VG6AE, M452VE6AE, M452RG6AE, M452RE6AE, M452LG6AE, M452LE6AE, M452RD3AE, M452LD3AE, M452LC3AE, M453VG6AE, M453VE6AE, M453RG6AE, M453RE6AE, M453LG6AE, M453LE6AE, M453VD3AE, M453RD3AE, M453LD3AE, M453LC3AE, M451MLG6AE, M451MLE6AE, M451MSD3AE, M451MSC3AE, M451MLD3AE, M451MLC3AE, M4LEDRG6AE, M4LEDRE6AE, M4LEDLG6AE, M4LEDLE6AE, M4TKVG6AE, M4TKVE6AE, M4TKRG6AE, M4TKRE6AE, M4TKLG6AE, M4TKLE6AE
	M4521	M4521SE6AE, M4521LE6AE
	M433	M433SE8AE, M433LE8AE
	M460	M467SJHAN, M467SJHAE, M467KJHAN, M467KJHAE, M467JJHAN, M467JJHAE, M467HJHAN, M467HJHAE, M467S2JHAE, M467K2JHAE, M467J2JHAE, M467H2JHAE, M467H3KJHAE, M467H3JJHAE, M463KGCAE, M463VGCAE, M463SGCAE, M463LGCAE, M463YGCAE, M463K2GCAC, M463S2GCAC, M463L2GCAC, M460KGCAE, M460SGCAE, M460LGCAE, M460YGCAE
	M471	M471KI8AE, M471VI8AE, M471VG7AE, M471R1E6AE, M471R1D6AE, M471SE6AE, M471SD6AE, M471MD6AE, M471CI8AE
	M479	M479SG8AEE, M479LG8AEE, M479NG8AEE
	M480	M481SIDAE, M481LIDAE, M481ZIDAE, M482KIDAE, M482SIDAE, M482LIDAE, M482ZIDAE, M483KIDAE, M483SIDAE, M484KIDAE, M484SIDAE, M484SIDAE2U, M485KIDAE, M485SIDAE, M485LIDAE, M485ZIDAE, M485YIDAE, M487JIDAE, M487KIDAE, M487SIDAE, M487KMCAN, M481SGCAE, M481SE8AE, M481SGCAE2A, M481LGCAE, M481LGCAEU, M481LE8AE, M481ZGCAE, M481ZE8AE, M482KGCAE, M482SGCAE, M482SE8AE, M482LGCAE, M482LE8AE, M482ZGCAE, M482ZE8AE, M483KGCAE, M483SGCAE, M483SE8AE, M483KGCAE2A, M483SGCAE2A
	NUC400	NUC472HI8AE, NUC472HG8AE, NUC472JI8AE, NUC472JG8AE, NUC472KI8AE, NUC472KG8AE, NUC472VI8AE, NUC472VG8AE, NUC442JI8AE, NUC442JG8AE, NUC442KI8AE, NUC442KG8AE, NUC442VI8AE, NUC442VG8AE, NUC442RI8AE, NUC442RG8AE
	NUC505	NUC505DLA, NUC505YLA, NUC505YLA2Y, NUC505DSA, NUC505DL13Y, NUC505DS13Y, NUC505YO13Y

	KM1M4BF0	KM1M4BF02KXW/E, KM1M4BF02GXY/G, KM1M4BF03KXW/E, KM1M4BF03GXY/G, KM1M4BF04KXW/E, KM1M4BF04GXY/G, KM1M4BF05KXW/E, KM1M4BF05GXY/G
	KM1M4BF5	KM1M4BF52KXW/E, KM1M4BF52GXY/G, KM1M4BF53KXW/E, KM1M4BF53GXY/G, KM1M4BF54KXW/E, KM1M4BF54GXY/G, KM1M4BF55KXW/E, KM1M4BF55GXY/G
NuMicro® M55 Family	**M55M1**	M55M1ES
Motor Control	**NM1100**	NM1100XBAE, NM1100FBAE
	NM1120	NM1120FC1AE, NM1120EC1AE, NM1120XC1AE, NM1120ZC1AE
	NM1200	NM1200LBAE, NM1200TBAE, NM1200ZBAE
	NM1230	NM1234D, NM1232D, NM1220EBK0, NM1234Y, NM1232Y, NM1233D, NM1233Y
	NM1240	NM1243D48, NM1243Y48, NM1243Y NM1244D48, NM1244Y48, NM1244Y, NM18407Y, NM18440D, NM18407SY, NM18402Y
	NM1320	NM1320LC2AE
	NM1330	NM1330LC1AE, NM1330LD2AE
	NM1500	NM1510LC1AE, NM1520LC2AE, NM1520LD2AE, NM1520RC2AE, NM1520RD2AE, NM1530VD3AE, NM1530VE3AE, NM1530LE3AE
	NM1800	NM18002Y
	NM1810	NM18100Y, NM18101Y, NM18105Y, NM18107Y, NM1817NT
	NM1820	NM18200S, NM18201S, NM18202S, NM1820ZB0AE, NM18200D, NM18200Y, NM18201Y, NM18202Y
	NM1830	NM18307Y
	TF5100	TF5103D, TF5103Y, TF5102Y
	N32F030	N32F030D, N32F030Y, N32F030X
ARM® Cortex®-M7 MCUs	**KM1M7AF0**	KM1M7AF00N/M/K, KM1M7AF02N/M/K
	KM1M7AF5	KM1M7AF50N/M/K, KM1M7AF52N/M/K
	KM1M7CF0	KM1M7CF03N/K, KM1M7CF04N/K, KM1M7CF05N/K, KM1M7CF06N/K
	KM1M7CF1	KM1M7CF13N/K, KM1M7CF14N/K, KM1M7CF15N/K, KM1M7CF16N/K

4 Resources

Website	Details
NuTool on nuvoton.com	https://www.nuvoton.com/tool-and-software/software-development-tool/
	• Download the latest NuTool installation file. • View the NuTool revision history.
NuTool on GitHub	https://github.com/OpenNuvoton/Nuvoton_Tools
	• Check the open source example code of NuTool for easier development.
	https://github.com/OpenNuvoton/Nuvoton_Tools/blob/master/Latest_NuLink_Firmware/README.md
	• View the Nu-Link firmware revision history.

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