

NuEclipse Revision History

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1 Revision History

Version	Release Date	Description
1.02.029	2025/03/04	- Added supported microcontroller: - Nuvoton M23 Family: M2A23SD5AC, M2A23LD5AC, M2A23YD5AC. - Nuvoton M55 Family: M55M1, M5531 Series.
1.02.028	2024/07/29	8051 1T series: - Support debugging on ubuntu 22.04. - Update memory space offset. - Improve endian issue.
1.02.027	2024/06/14	- Added supported microcontroller: - Nuvoton M23 Family: M2A23 Series.
1.02.026	2024/02/16	- Added supported microcontroller: - Nuvoton M0+ Family: KM1MOD series.
1.02.025	2024/01/31	- Added supported microcontroller: - Nuvoton M23 Family: M2003FC1AE, M2003XC1AE, M2P481QC1AE, KN44490A. - Nuvoton M4 Family: M433LE8AE, M433SE8AE. - Nuvoton M55 Family: M55M1ES. - NuMicro MA35 Family: MA35H0 and MA35D0.
1.02.024	2023/08/31	- Added supported microcontroller: - Nuvoton M23 Family: M256KG6AE, M256SG6AE, M253ZE3BE, M253LE3BE, M253LD3BE. - Nuvoton M4 Family: M463K2GCAC, M485ZIDAE and M484 series.
1.02.023	2023/05/26	- Added supported microcontroller: - Nuvoton M23 Family: M2L31 Series. - Nuvoton M4 Family: KM1M4B Series.
1.02.022	2023/03/21	- Added supported microcontroller: - Nuvoton M0 Family: M091 Series. - Nuvoton M7 Family: KM1M7C Series.
1.02.021	2022/11/15	- Added supported microcontroller: - Nuvoton M0 Family: M0A23OC1ACU, M0A23EC1ACU, M029GGC0AE. - Nuvoton M23 Family: NUC1263 Series, M2354LJFCE.
1.02.020	2022/06/24	- Added supported microcontroller: - NuMicro M4 Family: M467H3SJHAE, M467H3KJHAE, M467H3JJHAE, M460KGCAE, M460SGCAE, M460AGCAE,

		M460LGCAE, M460YGCAE. - NuMicro MA35 Family: MA35D16H8A7C and MA35D16H0A7C.
1.02.019	2022/04/29	• Added supported microcontroller: - NuMicro MA35 Family: MA35D1 series. • Upgraded eclipse version from Mars to 2021 and supported 64bits OS only.
1.01.019	2021/12/01	• Added supported microcontroller: - NuMicro M4 Family: M460, I94100 series. - NuMicro M7 Family: KM1M7A.
1.01.018	2021/03/12	• Added supported microcontroller: - NuMicro M0 Family: M030G/M031G series. - NuMicro M23 Family: NUC1262 series.
1.01.017	2020/09/30	• Added supported microcontroller: - NuMicro M0 Family: M030G, M071, M0A21 series. - NuMicro M23 Family: M251 series. - NuMicro M4 Family: M471 series.
1.01.016	2020/03/06	• Added supported microcontroller: - NuMicro M0 Family: M031BT, NUC1311 series. - NuMicro M23 Family: M2354 series. - NuMicro M4 Family: M479 series.
1.01.015	2019/08/09	• Added supported microcontroller: - NuMicro M0 Family: M031 series. - NuMicro M23 Family: M261 series. - NuMicro M4 Family: M480LD series.

2 Supported Microcontroller

Product Line	Series	Part Number
NuMicro® M0 Family	M0A21	M0A21EB1AC, M0A21EC1AC, M0A21OB1AC, M0A21OC1AC, M0A23EC1AC, M0A23OC1AC, M0A23EC1ACU, M0A23OC1ACU
	M029G/M030G/M031G	M029GGC0AE, M030GGD1AE, M030GGC1AE, M030GTC1AE, M030GTD1AE, M030GGC0AE, M030GTC0AE, M031GGD2AE, M031GTD2AE, M031GGC2AE, M031GTC2AE, M031GGC1AE, M031GTC1AE
	M031	M030FD2AE, M030LD2AE, M030TD2AE, M031BTYD2AN, M031BTYE3AN, M031EB0AE, M031EC1AE, M031FB0AE, M031FC1AE, M031KG6AE, M031KG8AE, M031KIAAE, M031LC2AE, M031LD2AE, M031LE3AE, M031LG6AE, M031LG8AE, M031SC2AE, M031SD2AE, M031SE3AE, M031SG6AE, M031SG8AE, M031SIAAE, M031TB0AE, M031TC1AE, M031TD2AE, M031TE3AE, M032EC1AE, M032FC1AE, M032KG6AE, M032KG8AE, M032KIAAE, M032LC2AE, M032LD2AE, M032LE3AE, M032LG6AE, M032LG8AE, M032SE3AE, M032SG6AE, M032SG8AE, M032SIAAE, M032TC1AE, M032TD2AE
	M071	M071MC2AE, M071MD2AE, M071R1D3AE, M071R1E3AE, M071SD3AE, M071SE3AE, M071VG4AE
	M091	M091TC2AE, M091TD2AE, M091YC2AE, M091YD2AE
	M051DN	M0516LDN, M0516ZDN, M052LDN, M052ZDN, M054LDN, M054ZDN, M058LDN, M058ZDN
	M051DE	M0515LDE, M0516LDE, M0516ZDE, M052LDE, M052ZDE, M054LDE, M054ZDE, M058LDE, M058MDE, M058ZDE
	M0518AE	M0518LC2AE, M0518LD2AE, M0518SC2AE, M0518SD2AE
	M0519AE	M0519LD3AE, M0519LE3AE, M0519SD3AE, M0519SE3AE, M0519VE3AE
	M0564	M0564LE4AE, M0564LG4AE, M0564SE4AE, M0564SG4AE, M0564VG4AE, M0564KG4AE, M0564SSAE
	M058SAN	M058SFAN, M058SLAN, M058SSAN, M058SZAN
	MINI51DE	MINI51FDE, MINI51LDE, MINI51QDE, MINI51TDE, MINI51ZDE, MINI52FDE, MINI52LDE, MINI52QDE, MINI52TDE, MINI52ZDE, MINI54FDE, MINI54FHC, MINI54LDE, MINI54QDE, MINI54TDE, MINI54ZDE
	MINI55	MINI55LDE, MINI55TDE, MINI55ZDE
	MINI57	MINI57EDE, MINI57FDE, MINI57TDE, MINI57XDE
	MINI58	MINI58FDE, MINI58LDE, MINI58QDE, MINI58TDE, MINI58ZDE
	Nano100AN	Nano100LC2AN, Nano100LD2AN, Nano100LD3AN, Nano100SC2AN, Nano100SD2AN, Nano100SD3AN, Nano100VD2AN, Nano100VD3AN, Nano100ZC2AN, Nano100ZD2AN, Nano100ZD3AN, Nano120LC2AN, Nano120LD2AN, Nano120LD3AN, Nano120SC2AN, Nano120SD2AN, Nano120SD3AN, Nano120VD2AN, Nano120VD3AN, Nano120ZC2AN, Nano120ZD2AN, Nano120ZD3AN, Nano130VD3AN

	Nano100BN	Nano100KC2BN, Nano100KD2BN, Nano100KD3BN, Nano100KE3BN, Nano100LC2BN, Nano100LD2BN, Nano100LD3BN, Nano100LE3BN, Nano100ND2BN, Nano100ND3BN, Nano100NE3BN, Nano100SC2BN, Nano100SD2BN, Nano100SD3BN, Nano100SE3BN, Nano100WE3BN, Nano110KC2BN, Nano110KD2BN, Nano110KD3BN, Nano110KE3BN, Nano110RC2BN, Nano110RD2BN, Nano110RD3BN, Nano110SC2BN, Nano110SD2BN, Nano110SD3BN, Nano110SE3BN, Nano120KC2BN, Nano120KD2BN, Nano120KD3BN, Nano120KE3BN, Nano120LC2BN, Nano120LD2BN, Nano120LD3BN, Nano120LE3BN, Nano120SC2BN, Nano120SD2BN, Nano120SD3BN, Nano120SE3BN, Nano130KC2BN, Nano130KD2BN, Nano130KD3BN, Nano130KE3BN, Nano130SC2BN, Nano130SD2BN, Nano130SD3BN, Nano130SE3BN
	Nano103	Nano103SD3AE, Nano103LD3AE, Nano103ZD3AE
	Nano102/112AN	Nano102LB1AN, Nano102LC2AN, Nano102SC2AN, Nano102ZB1AN, Nano102ZC2AN, Nano112LB1AN, Nano112LC2AN, Nano112RB1AN, Nano112RC2AN, Nano112SB1AN, Nano112SC2AN, Nano112VC2AN
	NUC029AN	NUC029LAN, NUC029TAN
	NUC029AE	NUC029FAE, NUC029TAE
	NUC029xDE	NUC029LDE, NUC029SDE
	NUC029xEE	NUC029LEE, NUC029SEE
	NUC029xGE	NUC029KGE, NUC029LGE, NUC029SGE
	NUC029ZAN	NUC029ZAN
	NUC130/140CN	NUC130LC1CN, NUC130LD2CN, NUC130LE3CN, NUC130RC1CN, NUC130RD2CN, NUC130RE3CN, NUC130VE3CN, NUC140LC1CN, NUC140LD2CN, NUC140LE3CN, NUC140RC1CN, NUC140RD2CN, NUC140RE3CN, NUC140VE3CN
	NUC100/120DN	NUC100LC1DN, NUC100LD1DN, NUC100LD2DN, NUC100LD3DN, NUC100LE3DN, NUC100RC1DN, NUC100RD1DN, NUC100RD2DN, NUC100RD3DN, NUC100RE3DN, NUC100VD2DN, NUC100VD3DN, NUC100VE3DE, NUC100VE3DN, NUC120LC1DN, NUC120LD1DN, NUC120LD2DE, NUC120LD2DN, NUC120LD3DN, NUC120LE3DN, NUC120RC1DN, NUC120RD1DN, NUC120RD2DN, NUC120RD3DN, NUC120RE3DN, NUC120VD2DN, NUC120VD3DN, NUC120VE3DN, NUC122LC1DN, NUC122LD2DN, NUC122SC1DN, NUC122SD2DN, NUC122ZC1DN, NUC122ZD2DN
	NUC121	NUC121SC2AE, NUC121LC2AE, NUC121ZC2AE, NUC125SC2AE, NUC125LC2AE, NUC125ZC2AE
	NUC123AN	NUC123LC2AN1, NUC123LD4AN0, NUC123SC2AN1, NUC123SD4AN0, NUC123ZC2AN1, NUC123ZD4AN0
	NUC123AE	NUC123LC2AE1, NUC123LD4AE0, NUC123SC2AE1, NUC123SD4AE0, NUC123ZC2AE1, NUC123ZD4AE0
	NUC126	NUC126LE4AE, NUC126LG4AE, NUC126NE4AE, NUC126SE4AE, NUC126SG4AE, NUC126VG4AE

	NUC1261	NUC1261LG4AE, NUC1261LE4AE, NUC1261NE4AE, NUC1261SG4AE, NUC1261SE4AE
	NUC131AE	NUC131LC2AE, NUC131LC2AEU, NUC131LD2AE, NUC131LD2AEU, NUC131SC2AE, NUC131SC2AEU, NUC131SD2AE, NUC131SD2AEU
	NUC1311	NUC1311LC2AE, NUC1311LD2AE
	NUC200/220AN	NUC200LC2AN, NUC200LD2AN, NUC200LE3AN, NUC200SC2AN, NUC200SD2AN, NUC200SE3AN, NUC200VE3AN, NUC220LC2AN, NUC220LD2AN, NUC220LE3AN, NUC220SC2AN, NUC220SD2AN, NUC220SE3AN, NUC220VE3AN
	NUC230/240AE	NUC230LC2AE, NUC230LD2AE, NUC230LE3AE, NUC230SC2AE, NUC230SD2AE, NUC230SE3AE, NUC230VE3AE, NUC240LC2AE, NUC240LD2AE, NUC240LE3AE, NUC240SC2AE, NUC240SD2AE, NUC240SE3AE, NUC240VE3AE
	NUC2201	NUC2201LE3AE, NUC2201SE3AE
NuMicro® M0+ Family	KM1M0D	KM1M0DF02N, KM1M0DF02N, KM1M0DF03N, KM1M0DF03N, KM1M0DF04N, KM1M0DF04N, KM1M0DF13N, KM1M0DF13N
	KM1M0G	KM1M0GF01K, KM1M0GF02K, KM1M0GF03K, KM1M0GF04K, KM1M0GF01Z, KM1M0GF02Z, KM1M0GF03Z, KM1M0GF04Z, KM1M0GF11Z, KM1M0GF12Z, KM1M0GF13Z, KM1M0GF14Z, KM1M0GF01Y, KM1M0GF02Y, KM1M0GF03Y, KM1M0GF04Y, KM1M0GF11Y, KM1M0GF12Y, KM1M0GF13Y, KM1M0GF14Y
NuMicro® M23 Family	M251	M251EC2AE, M251FC2AE, M251KE3AE, M251KG6AE, M251LC2AE, M251LD2AE, M251LE3AE, M251LG6AE, M251SC2AE, M251SD2AE, M251SE3AE, M251SG6AE, M251ZC2AE, M251ZD2AE, M252EC2AE, M252FC2AE, M252KE3AE, M252KG6AE, M252LC2AE, M252LD2AE, M252LE3AE, M252LG6AE, M252SC2AE, M252SD2AE, M252SE3AE, M252SG6AE, M252ZC2AE, M252ZD2AE, M254KE3AE, M254SD3AE, M254SE3AE, M256KE3AE, M256SE3AE, M258KE3AE, M258SE3AE, M254SD2AE, M256MD2AE, M256SD2AE, M254MD2AE, M258KG6AE, M254KG6AE, M258SG6AE, M254SG6AE, M256KG6AE, M256SG6AE
	M253	M253LD3AE, M253LE3AE, M253ZE3AE, M253LD3BE, M253LE3BE, M253ZE3BE
	M261	M261ZIAAE, M261SIAAE, M261KIAAE, M262ZIAAE, M262SIAAE, M262KIAAE, M263ZIAAE, M263SIAAE, M263KIAAE
	M2351	M2351KIAAE, M2351SFSIAAP, M2351SIAAE, M2351ZIAAE, M2351CIAAE
	M2354	M2354KJFAE, M2354LJFAE, M2354SJFAE, M2354LJFCE
	M2A23	M2A23SG5ACU, M2A23SG5AC, M2A23LG5ACU, M2A23LG5AC, M2A23NG5ACU, M2A23YG5AC, M2A23SE5ACU, M2A23SE5AC, M2A23LE5ACU, M2A23LE5AC, M2A23NE5ACU, M2A23YE5AC, M2A23SD5AC, M2A23LD5AC, M2A23YD5AC
	M2L31	M2L31KIDAE, M2L31KGDAE, M2L31SIDAE, M2L31SGDAE, M2L31SG4AE, M2L31SE4AE, M2L31LIDAE, M2L31LGDAE, M2L31LG4AE, M2L31LE4AE, M2L31LD4AE, M2L31YIDAE, M2L31YGDAE, M2L31YG4AE, M2L31YE4AE,

		M2L31YD4AE, M2L31ZE4AE, M2L31ZD4AE, M2L31CIDAЕ, M2L31CGDAЕ, M2L31XD4AE
	M2003	M2003FC1AE, M2003XC1AE, M2P481QC1AE, KN44490A
	NUC1262	NUC1262LE4AE, NUC1262NE4AE, NUC1262SE4AE
	NUC1263	NUC1263LD4AE, NUC1263ND4AE, NUC1263SD4AE, NUC1263ZD4AE, NSPD5ZD4AE
	NDA102	NDA102SD2, NDA102SE3
NuMicro® M4 Family	M433	M433LE8AE, M433SE8AE
	M451	M451LC3AE, M451LD3AE, M451LE6AE, M451LG6AE, M451MLC3AE, M451MLD3AE, M451MLE6AE, M451MLG6AE, M451MSC3AE, M451MSD3AE, M451RC3AE, M451RD3AE, M451RE6AE, M451RG6AE, M451VE6AE, M451VG6AE, M452LC3AE, M452LD3AE, M452LE6AE, M452LG6AE, M452RD3AE, M452RE6AE, M452RG6AE, M453LC3AE, M453LD3AE, M453LE6AE, M453LG6AE, M453RD3AE, M453RE6AE, M453RG6AE, M453VD3AE, M453VE6AE, M453VG6AE, M4TKVG6AE, M4TKVE6AE, M4TKRG6AE, M4TKRE6AE, M4TKLG6AE, M4TKLE6AE
	M4521	M4521LD6AE, M4521LE6AE, M4521RD6AE, M4521RE6AE, M4521SD6AE, M4521SE6AE
	M460	M467SJHAE, M467KJHAE, M467JJHAE, M467HJHAE, M467H3KJHAE, M467H3JJHAE, M467SJHAN, M467KJHAN, M467JJHAN, M467HJHAN, M467S2JHAE, M467K2JHAE, M467J2JHAE, M467H2JHAE, M463KGCAE, M463VGCAE, M463SGCAE, M463LGCAE, M463YGCAE, M463K2GCAC, M460KGCAE, M460SGCAE, M460LGCAE, M460YGCAE
	M471	M471KI8AE, M471MD6AE, M471R1D6AE, M471R1E6AE, M471SD6AE, M471SE6AE, M471VG7AE, M471VI8AE, M471CI8AE
	M479	M479SG8AEE, M479LG8AEE, M479NG8AEE
	M480	M481SIDAE, M481LIDAE, M481ZIDAE, M482KIDAE, M482SIDAE, M482LIDAE, M482ZIDAE, M483KIDAE, M483SIDAE, M485KIDAE, M485SIDAE, M485LIDAE, M485YIDAE, M487JIDAE, M487KIDAE, M487SIDAE, M487KMCAN
	M480LD	M481SGCAE, M481SE8AE, M481SGCAE2A, M481LGCAE, M481LE8AE, M481ZGCAE, M481ZE8AE, M482KGCAE, M482SGCAE, M482SE8AE, M482LGCAE, M482LE8AE, M482ZGCAE, M482ZE8AE, M483KGCAE, M483SGCAE, M483SE8AE, M483KGCAE2A, M483SGCAE2A
	NUC442/472AE	NUC442JG8AE, NUC442JI8AE, NUC442KG8AE, NUC442KI8AE, NUC442RG8AE, NUC442RI8AE, NUC442VG8AE, NUC442VI8AE, NUC472HG8AE, NUC472HI8AE, NUC472JG8AE, NUC472JI8AE, NUC472KG8AE, NUC472KI8AE, NUC472VG8AE, NUC472VI8AE
	NUC505	NUC505YO13Y, NUC505DS13Y, NUC505DSA, NUC505DL13Y, NUC505DLA, NUC505YLA2Y, NUC505YLA
	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	M55M1H3H2LJAE, M55M1H3K2LJAE, M55M1H3R2LJAE, M55M1H2LJAE, M55M1K2LJAE, M55M1R2LJAE
	M5531	M5531H2LJAE, M5531K2LJAE, M5531R2LJAE, M5531R2LJAE
ARM® Cortex®-M7 MCUs	KM1M7AF0	KM1M7AF00N/M/K, KM1M7AF02N/M/K
	KM1M7AF5	KM1M7AF50N/M/K, KM1M7AF52N/M/K
	KM1M7CF	KM1M7CF03N/K, KM1M7CF04N/K, KM1M7CF05N/K, KM1M7CF06N/K, KM1M7CF13N/K, KM1M7CF14N/K, KM1M7CF15N/K, KM1M7CF16N/K
NuMicro® A35 Family	MA35D1	MA35D16F787C, MA35D16F887C, MA35D16F987C, MA35D16A887C, MA35D16H8A7C, MA35D16AH87C, MA35D16AI87C, MA35D16AJ87C, MA35D15A087C, MA35D16A087C,
	MA35H0	MA35H04F764C
	MA35D0	MA35D03F764C, MA35D03F864C

3 Resources

Website	Details
NuEclipse on nuvoton.com	https://www.nuvoton.com/tool-and-software/ide-and-compiler/
	- Download the latest NuEclipse installation file. - View the NuEclipse revision history.
NuTool on GitHub	https://github.com/OpenNuvoton/Nuvoton_Tools
	Check the open source example code of NuEclipse for easier development.
	https://github.com/OpenNuvoton/Nuvoton_Tools/blob/master/Latest_NuLink_Firmware/README.md
	View the Nu-Link firmware revision history.
NuEclipse 8051 on nuvoton.com	https://github.com/OpenNuvoton/NuEclipse_8051_SDCC
	Check the open source 8051_SDCC code of NuEclipse for easier development.
	https://github.com/OpenNuvoton/NuEclipse_8051_GDB
	Check the open source 8051_GDB code of NuEclipse for easier development.

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