

NuTool – ClockConfigure Revision History

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1 Revision History

Version	Release Date	Description
1.14	2025/12/31	- Added supported microcontroller: - CM2003 Series. - CM2052 Series. - CM2U51 Series
1.13	2025/07/30	- Added supported microcontroller: - NuMicro M33 Family: M3331 Series. - NuMicro M23 Family: M2U51 Series. - CM3031 Series.
1.12	2025/07/09	- Added supported microcontroller: - NuMicro M4 Family: M433 Series.
1.11	2024/11/07	- Added supported microcontroller: - NuMicro M55 Family: M55M1 and M5531 Series. - NuMicro M23 Family: M2L31 Series.
1.10	2024/09/26	- Added supported microcontroller: - NuMicro M0+ Family: KM1M0DF Series.
1.09	2024/1/25	- Added supported microcontroller: - NuMicro M0 Family: M0A21 and NUC1311 Series.
1.08	2023/9/20	- Support Connect to Chip function. - Update UI. - Update User Manual, please refer to the link in the resources section. - Added supported microcontroller: - NuMicro M23 Family: M2003C Series.
1.07	2023/2/2	- Added supported microcontroller: - NuMicro M4 Family: M460 Series. - NuMicro M7 Family: KM1M4BF Series. - NuMicro M7 Family: KM1M7BF Series. - NuMicro M7 Family: KM1M7CF Series.
1.06	2021/6/30	- Added supported microcontroller: - NuMicro M0 Family: M030G, M031BT and M031/M032 Series. - NuMicro M23 Family: NUC1262 and M253/M254/M256/M256D/M258/M258G Series. - NuMicro M7 Family: KM1M7AF Series.
1.05	2020/9/30	- Added supported microcontroller: - NuMicro M0 Family: MIN57 Series.

		- NuMicro M23 Family: M261 and M2354 Series. - NuMicro M4 Family: M480LD Series.
1.04	2019/11/1	• Added supported microcontroller: - NuMicro M0 Family: NUC029ZAN.
1.03	2019/7/1	• Added supported microcontroller: - NuMicro M0 Family: M031, NUC1261, NUC2201, NUC029xDE, NUC029xEE, NUC029xGE Series and NUC029TAE.
1.02	2019/4/29	• Added supported microcontroller: - NuMicro M0 Family: NUC126, M0564 Series. - NuMicro M23 Family: M251 and M2351 Series.
1.01	2018/8/3	• Added supported microcontroller: - NuMicro M4 Family: M480 Series.
1.00	2016/9/30	• Release primary version.

2 Supported Microcontroller

Product Line	Series	Part Number
NuMicro® M0 Family	M0A21	M0A21EB1AC, M0A21EC1AC, M0A21OB1AC, M0A21OC1AC, M0A23EC1AC, M0A23OC1AC
	M030G	M030GGC1AE, M030GGD1AE, M030GTC1AE, M030GTD1AE
	M031G	M031GGC2AE, M031GGD2AE, M031GTC2AE, M031GTD2AE
	M031	M031BTYD2AN, M031BTYE3AN, M031EB0AE, M031EC1AE, M031FB0AE, M031FC1AE, M031KG6AE, M031KG8AE, M031KIAAE, M031LC2AE, M031LD2AE, M031LE3AE, M031LG6AE, M031LG8AE, M031SC2AE, M031SD2AE, M031SE3AE, M031SG6AE, M031SG8AE, M031SIAAE, M031TB0AE, M031TC1AE, M031TD2AE, M031TE3AE
	M032	M032EC1AE, M032FC1AE, M032KG6AE, M032KG8AE, M032KIAAE, M032LC2AE, M032LD2AE, M032LE3AE, M032LG6AE, M032LG8AE, M032SE3AE, M032SG6AE, M032SG8AE, M032SIAAE, M032TC1AE, M032TD2AE
	M051DN	M0516LDN, M0516ZDN, M052LDN, M052ZDN, M054LDN, M054ZDN, M058LDN, M058ZDN
	M051DE	M0516LDE, M0516ZDE, M052LDE, M052ZDE, M054LDE, M054ZDE, M058LDE, M058ZDE
	M0518AE	M0518LC2AE, M0518LD2AE, M0518SC2AE, M0518SD2AE
	M0519AE	M0519LD3AE, M0519LE3AE, M0519SD3AE, M0519SE3AE, M0519VE3AE
	M0564	M0564LE4AE, M0564LG4AE, M0564SE4AE, M0564SG4AE, M0564VG4AE
	M058SAN	M058SFAN, M058SLAN, M058SSAN, M058SZAN
	MINI51DE	MINI51FDE, MINI51LDE, MINI51TDE, MINI51ZDE, MINI52FDE, MINI52LDE, MINI52TDE, MINI52ZDE, MINI54FDE, MINI54LDE, MINI54TDE, MINI54ZDE
	MINI55	MINI55LDE, MINI55ZDE
	MINI57	MINI57EDE, MINI57FDE, MINI57TDE
	MINI58	MINI58FDE, MINI58LDE, 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
	NANO100BN	NANO100KD3BN, NANO100KE3BN, NANO100LC2BN, NANO100LD2BN, NANO100LD3BN, NANO100LE3BN, NANO100NC2BN, NANO100ND2BN, NANO100ND3BN, NANO100NE3BN, NANO100SC2BN, NANO100SD2BN, NANO100SD3BN, NANO100SE3BN, NANO110KC2BN, NANO110KD2BN, NANO110KD3BN, NANO110KE3BN, NANO110RC2BN, NANO110RD2BN, NANO110RD3BN, NANO110RE3BN, NANO110SC2BN, NANO110SD2BN, NANO110SD3BN, NANO110SE3BN, 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, NUC029NAN, 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, NUC100LD2DN, NUC100LE3DN, NUC100RC1DN, NUC100RD1DN, NUC100RD2DN, NUC100RE3DN, NUC100VE3DN, NUC120LC1DN, NUC120LD2DN, NUC120LE3DN, NUC120RC1DN, NUC120RD2DN, NUC120RE3DN, NUC120VE3DN
	NUC121	NUC121SC2AE, NUC121LC2AE, NUC121ZC2AE, NUC125SC2AE, NUC125LC2AE, NUC125ZC2AE
	NUC123AN	NUC123LC2AN1, NUC123LD4AN0, NUC123SC2AN1, NUC123SD4AN0, NUC123ZC2AN1, NUC123ZD4AN0
	NUC123AE	NUC123LC2AE1, NUC123LD4AE0, NUC123SC2AE1, NUC123SD4AE0, NUC123ZC2AE1, NUC123ZD4AE0

	NUC126	NUC126LE4AE, NUC126LG4AE, NUC126SE4AE, NUC126SG4AE, NUC126VG4AE, NUC126NE4AE
	NUC1261	NUC1261LG4AE, NUC1261LE4AE, NUC1261NE4AE, NUC1261SG4AE, NUC1261SE4AE
	NUC131AE	NUC131LC2AE, NUC131LD2AE, NUC131SC2AE, NUC131SD2AE
	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	KM1M0DF	KM1M0DF02N/K, KM1M0DF03N/K, KM1M0DF04N/K, KM1M0DF13N/K
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, M253ZE3AE, M253ZE3BE, M253LD3AE, M253LD3BE, M253LE3AE, M253LE3BE, M254KE3AE, M254KG6AE, M254MD2AE, M254SD2AE, M254SE3AE, M254SG6AE, M256KE3AE, M256MD2AE, M256SD2AE, M256SE3AE, M258KE3AE, M258KG6AE, M258SE3AE, M258SG6AE
	M261	M261ZIAAE, M261SIAAE, M261KIAAE, M262ZIAAE, M262SIAAE, M262KIAAE, M263ZIAAE, M263SIAAE, M263KIAAE
	M2L31	M2L31XD4AE, M2L31ZE4AE, M2L31ZD4AE, M2L31YG4AE, M2L31YE4AE, M2L31YD4AE, M2L31YIDAE, M2L31YGDAE, M2L31LE4AE, M2L31LG4AE, M2L31LD4AE, M2L31LIDAE, M2L31LGDAE, M2L31CIDAE, M2L31CGDAE, M2L31SG4AE, M2L31SE4AE, M2L31SIDAE, M2L31SGDAE, M2L31KIDAE, M2L31KGDAE
	M2351	M2351ZIAAE, M2351SIAAE, M2351KIAAE, M2351CIAAE
	M2354	M2354LJFAE, M2354LJFBE, M2354SJFAE, M2354SJFBE, M2354KJFAE, M2354KJFBE, M2354CJFAE, M2354CJFBE,
	M2003C	M2003FC1AE, M2003XC1AE
	NUC1262	NUC1262LE4AE, NUC1262NE4AE, NUC1262SE4AE, NUC1262YE4AE

	NUC1263	NUC1263ZD4CE, NUC1263ND4CE, NUC1263LD4CE, NUC1263SD4CE
	M2U51	M2U51YD3AE, M2U51YC2AE, M2U51TC2AE, M2U51FC2AE, M2U51EC2AE, M2U54KE4AE, M2U54KG6AE, M2U54YE4AE, M2U54YG6AE, M2U54SE4AE, M2U54SG6AE, M2U54AE4AE, M2U54AG6AE
NuMicro® M33 Family	M3331	M3333KIGAE, M3333LIGAE, M3333SIGAE, M3333TIGAE, M3333YIGAE, M3334KIGAE, M3334LIGAE, M3334SIGAE, M3334TIGAE, M3334YIGAE
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, M452VG6AE, M452VE6AE, M453LC3AE, M453LD3AE, M453LE6AE, M453LG6AE, M453RD3AE, M453RE6AE, M453RG6AE, M453VD3AE, M453VE6AE, M453VG6AE
	M460	M467SJHAN, M467KJHAN, M467H3JJHAN, M467JJHAN, M467H3HJJHAN, M467HJJHAN, M467S2JHAE, M467K2JHAE, M467J2JHAE, M467H2JHAE, M464YGCAE, M464LGCAE, M464AGCAE, M464SGCAE, M463VGCAE, M464KGCAE, M463YGCAE, M463LGCAE, M463AGCAE, M463SGCAE, M463KGCAE, M460YGCAE, M460LGCAE, M460AGCAE, M460SGCAE, M460KGCAE, M463K2GCAC, M463S2GCAC, M463L2GCAC
	M480	M481ZIDAE, M482ZIDAE, M485ZIDAE, M485YIDAE, M481LIDAE, M482LIDAE, M485LIDAE, M481SIDAE, M482SIDAE, M483SIDAE, M484SIDAE, M484SIDAE2U, M485SIDAE, M487SIDAE, M482KIDAE, M483KIDAE, M484KIDAE, M485KIDAE, M487KIDAE, M487KMCAN, M487JIDAE, M481ZGCAE, M482ZGCAE, M481ZE8AE, M482ZE8AE, M481LGCAE, M482LGCAE, M481LE8AE, M482LE8AE, M481SGCAE, M482SGCAE, M483SGCAE, M481SE8AE, M482SE8AE, M483SE8AE, M481SGCAE2A, M483SGCAE2A, M482KGCAE, M483KGCAE, M483KGCAE2A
	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	KM1M4BF02K/G, KM1M4BF03K/G, KM1M4BF04K/G, KM1M4BF05G
	KM1M4BF5	KM1M4BF52K/G, KM1M4BF53K/G, KM1M4BF54K/G
NuMicro® M55 Family	M55M1	M55M1R2LJAE, M55M1H3R2LJAE, M55M1K2LJAE, M55M1H3K2LJAE, M55M1H2LJAE, M55M1H3H2LJAE, M55M1H2ES

	M5531	M5531R2LJAE, M5531R2JHAE, M5531K2LJAE
NuMicro® M7 Family	KM1M7AF0	KM1M7AF00N/M/K, KM1M7AF02N/M/K
	KM1M7AF5	KM1M7AF50N/M/K, KM1M7AF52N/M/K
	KM1M7BF0	KM1M7BF00N/M/K, KM1M7BF02N/M/K
	KM1M7CF0	KM1M7CF03N/K, KM1M7CF04N/K, KM1M7CF05N/K, KM1M7CF06N/K
	KM1M7CF1	KM1M7CF13N/K, KM1M7CF14N/K, KM1M7CF15N/K, KM1M7CF16N/K
Motor Control	NM1200AE	NM1100FAAE, NM1100FBAE, NM1100XAAE, NM1100XBAE, NM1200LAAE, NM1200LBAE, NM1200TAAE, NM1200TBAE
	NM1500AE	NM1510LB1AE, NM1510LC1AE, NM1520LC2AE, NM1520LD2AE, NM1520RC2AE, NM1520RD2AE, NM1530VD3AE, NM1530VE3AE
	CM2003	CM2003CF2AE, CM2003CF3AE
	CM2052	CM2052EL8AE, CM2052EN8AE, CM2053EL8AE
	CM2U51	CM2U51DL3AE, CM2U54ES8AE, CM2U54GS8AE, CM2U54EL3AE, CM2U54GL3AE, CM2U54EN8AE, CM2U54GN8AE, CM2U54EQ3AE, CM2U54GQ3AE
	CM3031	CM3031GJ3AE, CM3031GL3AE, CM3031GL8AE, CM3031GN8AE, CM3031GS8AE, CM3031HJ3AE, CM3031HL3AE, CM3031HL8AE, CM3031HN8AE, CM3031HS8AE, CM3033GJ3AE, CM3033GL3AE, CM3033GL8AE, CM3033GN8AE, CM3033GS8AE, CM3033HJ3AE, CM3033HL3AE, CM3033HL8AE, CM3033HN8AE, CM3033HS8AE, CM3034GJ3AE, CM3034GL3AE, CM3034GL8AE, CM3034GN8AE, CM3034GS8AE, CM3034HJ3AE, CM3034HL3AE, CM3034HL8AE, CM3034HN8AE, CM3034HS8AE

3 Resources

Website	Details
NuTool on nuvoton.com	https://www.nuvoton.com/tool-and-software/software-development-tool/nutool/
	- 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.
ClockConfig Web Version on GitHub	https://opennuvoton.github.io/NuTool-ClockConfigure/
	User can use ClockConfig online.
User Manual (EN)	https://www.nuvoton.com/resource-download.jsp?tp_GUID=UG1320220506173038

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