**NuTool – ClockConfigure**

**Revision History**

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# Revision History

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| **Version** | **Release Date** | **Description** |
| **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. |

# Supported Microcontroller

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| **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 |
| **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 |
| **M2U51** | M2U51YD3AE, M2U51YC2AE, M2U51TC2AE, M2U51FC2AE, M2U51EC2AE, M2U54KE4AE, M2U54KG6AE, M2U54YE4AE, M2U54YG6AE, M2U54SE4AE,  M2U54SG6AE, M2U54AE4AE, M2U54AG6AE |
| **NuMicro® M33 Family** | **M3331** | M3331KGGAE, M3331KIGAE, M3331LGGAE, M3331LIGAE, M3331SGGAE, M3331SIGAE, M3331TGGAE, M3331TIGAE, M3331YGGAE, M3331YIGAE, M3333KGGAE, M3333KIGAE,  M3333LGGAE, M3333LIGAE, M3333SGGAE, M3333SIGAE,  M3333TGGAE, M3333TIGAE, M3333YGGAE, M3333YIGAE,  M3334KGGAE, M3334KIGAE, M3334LGGAE, M3334LIGAE,  M3334SGGAE, M3334SIGAE, M3334TGGAE, M3334TIGAE,  M3334YGGAE, 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, M467H3HJHAN, M467HJHAN, 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 |
|  | **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 |

# Resources

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| **Website** | **Details** |
| [**NuTool**](https://www.nuvoton.com/tool-and-software/software-development-tool/) **on** [**nuvoton.com**](https://www.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**](https://github.com/OpenNuvoton/Nuvoton_Tools) **on** [**GitHub**](https://github.com/OpenNuvoton/Nuvoton_Tools) | <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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