

NuTool – PinConfigure Revision History

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1 Revision History

Version	Release Date	Description
1.23	2021/6/30	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M7 Family: KM1M7AF Series. - NuMicro M23 Family: M256D and M258G Series.
1.22	2021/3/19	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: M031G Series. - NuMicro M23 Family: NUC1262 Series.
1.21	2020/11/20	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: M071 Series. - NuMicro M4 Family: M471 Series. - NuMicro M23 Family: M253, M258 and M2354 Series.
1.20	2020/4/30	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: M0A21 and M030G Series.
1.19	2020/3/6	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: NUC029MDE. - NuMicro M4 Family: M487KMCAN. - NuMicro 8051 1T Family: ML56 Series.
1.18	2020/1/31	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: M031BT series. - NuMicro M4 Family: M479 series.
1.17	2019/11/1	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: NUC029ZAN. • Updated supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: M031 Series. - NuMicro M4 Family: M480 Series - NuMicro 8051 1T Family: MS51 Series
1.16	2019/9/6	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: M031(G/I/Keyboard/Mouse) and NUC1311 Series. - NuMicro M23 Family: M2353SIAAE Series. - NuMicro 8051 1T Family: MS51(8K/32K) Series. • Updated supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: NANO100BN Series. - NuMicro M4 Family: M480LD Series
1.15	2019/4/29	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: NUC1261, M05641, NUC029xDE,

		<ul style="list-style-type: none"> NUC029xEE, NUC029xGE and M031 Series. - NuMicro M23 Family: M261 Series. - NuMicro M4 Family: M4521 Series. - NuMicro 8051 1T Family: MS51 Series.
1.14	2018/12/28	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: NUC2201 Series. - NuMicro M23 Family: M251 Series. - NuMicro 8051 1T Family: ML51 Series. • Updated supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: NANO103 Series.
1.13	2018/7/29	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: Mini57, NDA102 and NM1120 Series.
1.12	2018/6/29	<ul style="list-style-type: none"> • Updated supported microcontroller: <ul style="list-style-type: none"> - NuMicro M23 Family: M2351 Series. - NuMicro M4 Family: M480 Series.
1.11	2017/10/20	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M23 Family: M2351 Series. • Supported the adjustment of conflicts.
1.10	2017/8/1	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: NUC121, NUC125, NUC126 and M0564 Series. - NuMicro M4 Family: M480 Series.
1.09	2016/7/22	<ul style="list-style-type: none"> • Supported NuCAD for Protel library.
1.08	2016/2/29	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: NANO103 Series.
1.07	2015/12/1	<ul style="list-style-type: none"> • Supported the Generate Report of Pin Description feature.
1.06	2015/11/1	<ul style="list-style-type: none"> • Supported the NuCAD feature.
1.05	2015/7/1	<ul style="list-style-type: none"> • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: Mini58 and M0519 Series. • Supported the Tooltip feature.
1.04	2014/11/28	<ul style="list-style-type: none"> • Supported IE11. • Added supported microcontroller: <ul style="list-style-type: none"> - NuMicro M0 Family: NUC100, NUC200, NUC029, M051, M0518, Mini51, Nano100 and NM1500 Series. - NuMicro M4 Family: NUC505 Series.
1.03	2014/1/24	<ul style="list-style-type: none"> • Added supported microcontroller:

		<ul style="list-style-type: none"> - NuMicro M4 Family: M451 Series. • Enhanced stability.
1.02	2014/1/3	<ul style="list-style-type: none"> • Supported IE10. • Improved performance and GUI. • Supported the Search feature. • Supported the Print Report feature.
1.01	2013/11/8	<ul style="list-style-type: none"> • Supported IE9. • Supported Simplified Chinese and Traditional Chinese.
1.00	2013/10/18	<ul style="list-style-type: none"> • Release primary version.

2 Supported Microcontroller

Product Line	Series	Part Number
NuMicro® 8051 Family	MS51	MS51BA9AE, MS51DA9AE, MS51EB0AE, MS51EC0AE, MS51FB9AE, MS51FC0AE, MS51PC0AE, MS51TC0AE, MS51XB9AE, MS51XB9BE, MS51XC0BE
	ML51	ML51BB9AE, ML51DB9AE, ML51EB9AE, ML51EC0AE, ML51FB9AE, ML51LD1AE, ML51OB9AE, ML51PB9AE, ML51PC0AE, ML51SD1AE, ML51TB9AE, ML51TC0AE, ML51TD1AE, ML51UB9AE, ML51UC0AE, ML51XB9AE
	ML56	ML54LD1AE, ML54MD1AE, ML54SD1AE, ML56LD1AE, ML56MD1AE, ML56SD1AE
NuMicro® M0 Family	M0A21	M0A21EB1AC, M0A21EC1AC, M0A21OB1AC, M0A21OC1AC, M0A23EC1AC, M0A23OC1AC
	M030G	M030GGC0AE, M030GGC1AE, M030GGD1AE, M030GTC0AE, M030GTC1AE, M030GTD1AE, M031GGC1AE, M031GGC2AE, M031GGD2AE, M031GTC1AE, M031GTC2AE, M031GTD2AE
	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, M032BTAG8AN, M032BTAIAAN, M032EC1AE, M032FC1AE, M032KG6AE, M032KG8AE, M032KIAAE, M032LC2AE, M032LD2AE, M032LE3AE, M032LG6AE, M032LG8AE, M032SE3AE, M032SG6AE, M032SG8AE, M032SIAAE, M032TC1AE, M032TD2AE
	M071	M071MC2AE, M071MD2AE, M071QE4AE, M071QG4AE, M071R1D3AE, M071R1E3AE, M071SD3AE, M071SE3AE, M071VG4AE
	M051DN	M0516LDN, M0516ZDN, M052LDN, M052ZDN, M054LDN, M054ZDN, M058LDN, M058ZDN
	M051DE	M0515LDE, 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
	M05641	M05641LG4AE, M05641LE4AE, M05641SG4AE, M05641SE4AE
	M058SAN	M058SFAN, M058SLAN, M058SSAN, M058SZAN
	MINI51DE	MINI51FDE, MINI51LDE, MINI51TDE, MINI51ZDE, MINI52FDE, MINI52LDE, MINI52TDE, MINI52ZDE, MINI54FDE, MINI54LDE, MINI54TDE, MINI54ZDE
MINI55	MINI55LDE, MINI55ZDE	
MINI57	MINI57TDE, MINI57EDE, MINI57FDE	

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
NUC029MDE	NUC029MDE
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, NUC126NE4AE, NUC126SE4AE, NUC126SG4AE, NUC126VG4AE
	NUC1261	NUC1261LG4AE, NUC1261LE4AE, NUC1261NE4AE, NUC1261SG4AE, NUC1261SE4AE
	NUC131AE	NUC131LC2AE, NUC131LC2AEU, NUC131LD2AE, NUC131LD2AEU, NUC131SC2AE, NUC131SC2AEU, NUC131SD2AE, NUC131SD2AEU
	NUC1311	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
	NDA102	NDA102EC1, NDA102FC1, NDA102SD2
NuMicro® M23 Family	M251	M251EB2AE, M251EC2AE, M251FB2AE, M251FC2AE, M251KE3AE, M251KG6AE, M251LC2AE, M251LD2AE, M251LE3AE, M251LG6AE, M251SC2AE, M251SD2AE, M251SE3AE, M251SG6AE, M251ZB2AE, M251ZC2AE, M251ZD2AE, M252EC2AE, M252FC2AE, M252KE3AE, M252KG6AE, M252LC2AE, M252LD2AE, M252LE3AE, M252LG6AE, M252SC2AE, M252SD2AE, M252SE3AE, M252SG6AE, M252ZC2AE, M252ZD2AE, M254KD3AE, M254KE3AE, M254KG6AE, M254QD3AE, M254QE3AE, M254SD2AE, M254SD3AE, M254SE3AE, M256KD3AE, M256KE3AE, M256MD2AE, M256QD3AE, M256QE3AE, M256QG6AE, M256SD2AE, M256SD3AE, M256SE3AE, M258KD3AE, M258KE3AE, M258KG6AE, M258QD3AE, M258QE3AE, M258SD3AE, M258SE3AE, M258SG6AE
	M253	M253LD3AE, M253LE3AE, M253ZE3AE
	M258	M254KD3AE, M254KE3AE, M254QD3AE, M254QE3AE, M254SD3AE, M254SE3AE, M256KD3AE, M256KE3AE, M256QD3AE, M256QE3AE, M256SD3AE, M256SE3AE, M258KD3AE, M258KE3AE, M258QD3AE, M258QE3AE, M258SD3AE, M258SE3AE
	M261	M261ZIAAE, M261SIAAE, M261KIAAE, M262ZIAAE, M262SIAAE, M262KIAAE, M263ZIAAE, M263SIAAE, M263KIAAE
	M2351	M2351ZIAAE, M2351SIAAE, M2351KIAAE
	M2354	M2354KJFAE, M2354LJFAE, M2354SJFAE
	NUC1262	NUC1262LE4AE, NUC1262NE4AE, NUC1262SE4AE
NuMicro® M4 Family	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
	M4521	M4521LE6AE, M4521SE6AE, M4521RE6AE
	M471	M471KI8AE, M471LG7AE, M471QG7AE, M471QI8AE, M471SG7AE, M471SI8AE, M471VG7AE, M471VI8AE
	M479	M479LG8AE, M479NG8AE, M479SG8AE
	M480	M481LIDAE, M481SIDAE, M481ZIDAE, M482KIDAE, M482LIDAE, M482SIDAE, M482ZIDAE, M483KIDAE, M483SIDAE, M484KIDAE, M484SIDAE, M484SIDAE2U, M485KIDAE, M485LIDAE, M485SIDAE, M487JIDAE, M487KIDAE, M487KMCAN, M487SIDAE
	M480LD	M481LE8AE, M481LGCAE, M481SE8AE, M481SGCAE, M481SGCAE2A, M481ZE8AE, M481ZGCAE, M482KGCAE, M482LE8AE, M482LGCAE, M482SE8AE, M482SGCAE, M482ZE8AE, M482ZGCAE, M483KGCAE, M483KGCAE2A, M483SE8AE, M483SGCAE, 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
NuMicro® M7 Family	KM1M7	KM1M7AF00K, KM1M7AF00M, KM1M7AF00N, KM1M7AF02K, KM1M7AF02M, KM1M7AF02N, KM1M7AF50K, KM1M7AF50M, KM1M7AF50N, KM1M7AF52K, KM1M7AF52M, KM1M7AF52N
Motor Control	NM1120AE	NM1120FC1AE, NM1120EC1AE, NM1120XC1AE, NM1120TC1AE, NM1120ZC1AE, NM1120FB0AE, NM1120EB0AE, NM1120XB0AE, NM1120TB0AE, NM1120ZB0AE
	NM1200AE	NM1100FAAE, NM1100FBAE, NM1100XAAE, NM1100XBAE, NM1200LAAE, NM1200LBAE, NM1200TAAE, NM1200TBAE
	NM1500AE	NM1510LB1AE, NM1510LC1AE, NM1520LC2AE, NM1520LD2AE, NM1520RC2AE, NM1520RD2AE, NM1530VD3AE, NM1530VE3AE
Audio ChipCorder	ISD9100	I9160FI, I9160VFI
	ISD9300	I9361RI, I9361VRI

3 Resources

Website	Details
NuTool on nuvoton.com	https://www.nuvoton.com/tool-and-software/software-development-tool/nutool/
	<ul style="list-style-type: none"> • Download the latest NuTool installation file. • View the NuTool revision history.
NuTool on GitHub	https://github.com/OpenNuvoton/Nuvoton_Tools
	<ul style="list-style-type: none"> • Check the open source example code of NuTool for easier development.

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