

# NuTool – PinConfigure Revision History

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## 1 REVISION HISTORY

Version	Release Date	Description
1.24	2022/8/18	<ul style="list-style-type: none"> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M7 Family: KM1M7BF Series.</li> <li>NuMicro M4 Family: M460 Series.</li> <li>NuMicro 8051 Family: MUG51 Series.</li> </ul> </li> <li>Added supported micro processor: <ul style="list-style-type: none"> <li>NuMicro A35 Family: MA35D1 Series.</li> </ul> </li> </ul>
1.23	2021/6/30	<ul style="list-style-type: none"> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M7 Family: KM1M7AF Series.</li> <li>NuMicro M23 Family: M256D and M258G Series.</li> </ul> </li> </ul>
1.22	2021/3/19	<ul style="list-style-type: none"> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M0 Family: M031G Series.</li> <li>NuMicro M23 Family: NUC1262 Series.</li> </ul> </li> </ul>
1.21	2020/11/20	<ul style="list-style-type: none"> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M0 Family: M071 Series.</li> <li>NuMicro M4 Family: M471 Series.</li> <li>NuMicro M23 Family: M253, M258 and M2354 Series.</li> </ul> </li> </ul>
1.20	2020/4/30	<ul style="list-style-type: none"> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M0 Family: M0A21 and M030G Series.</li> </ul> </li> </ul>
1.19	2020/3/6	<ul style="list-style-type: none"> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M0 Family: NUC029MDE.</li> <li>NuMicro M4 Family: M487KMCAN.</li> <li>NuMicro 8051 1T Family: ML56 Series.</li> </ul> </li> </ul>
1.18	2020/1/31	<ul style="list-style-type: none"> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M0 Family: M031BT series.</li> <li>NuMicro M4 Family: M479 series.</li> </ul> </li> </ul>
1.17	2019/11/1	<ul style="list-style-type: none"> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M0 Family: NUC029ZAN.</li> </ul> </li> <li>Updated supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M0 Family: M031 Series.</li> <li>NuMicro M4 Family: M480 Series</li> <li>NuMicro 8051 1T Family: MS51 Series</li> </ul> </li> </ul>
1.16	2019/9/6	<ul style="list-style-type: none"> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M0 Family: M031(G/I/Keyboard/Mouse) and NUC1311 Series.</li> </ul> </li> </ul>

		<ul style="list-style-type: none"> <li>- NuMicro M23 Family: M2353SIAAE Series.</li> <li>- NuMicro 8051 1T Family: MS51(8K/32K) Series.</li> <li>• Updated supported micro controller: <ul style="list-style-type: none"> <li>- NuMicro M0 Family: NANO100BN Series.</li> <li>- NuMicro M4 Family: M480LD Series</li> </ul> </li> </ul>
<b>1.15</b>	<b>2019/4/29</b>	<ul style="list-style-type: none"> <li>• Added supported micro controller: <ul style="list-style-type: none"> <li>- NuMicro M0 Family: NUC1261, M05641, NUC029xDE, NUC029xEE, NUC029xGE and M031 Series.</li> <li>- NuMicro M23 Family: M261 Series.</li> <li>- NuMicro M4 Family: M4521 Series.</li> <li>- NuMicro 8051 1T Family: MS51 Series.</li> </ul> </li> </ul>
<b>1.14</b>	<b>2018/12/28</b>	<ul style="list-style-type: none"> <li>• Added supported micro controller: <ul style="list-style-type: none"> <li>- NuMicro M0 Family: NUC2201 Series.</li> <li>- NuMicro M23 Family: M251 Series.</li> <li>- NuMicro 8051 1T Family: ML51 Series.</li> </ul> </li> <li>• Updated supported micro controller: <ul style="list-style-type: none"> <li>- NuMicro M0 Family: NANO103 Series.</li> </ul> </li> </ul>
<b>1.13</b>	<b>2018/7/29</b>	<ul style="list-style-type: none"> <li>• Added supported micro controller: <ul style="list-style-type: none"> <li>- NuMicro M0 Family: Mini57, NDA102 and NM1120 Series.</li> </ul> </li> </ul>
<b>1.12</b>	<b>2018/6/29</b>	<ul style="list-style-type: none"> <li>• Updated supported micro controller: <ul style="list-style-type: none"> <li>- NuMicro M23 Family: M2351 Series.</li> <li>- NuMicro M4 Family: M480 Series.</li> </ul> </li> </ul>
<b>1.11</b>	<b>2017/10/20</b>	<ul style="list-style-type: none"> <li>• Added supported micro controller: <ul style="list-style-type: none"> <li>- NuMicro M23 Family: M2351 Series.</li> </ul> </li> <li>• Supported the adjustment of conflicts.</li> </ul>
<b>1.10</b>	<b>2017/8/1</b>	<ul style="list-style-type: none"> <li>• Added supported micro controller: <ul style="list-style-type: none"> <li>- NuMicro M0 Family: NUC121, NUC125, NUC126 and M0564 Series.</li> <li>- NuMicro M4 Family: M480 Series.</li> </ul> </li> </ul>
<b>1.09</b>	<b>2016/7/22</b>	<ul style="list-style-type: none"> <li>• Added new part numbers.</li> </ul>
<b>1.08</b>	<b>2016/2/29</b>	<ul style="list-style-type: none"> <li>• Added supported micro controller: <ul style="list-style-type: none"> <li>- NuMicro M0 Family: NANO103 Series.</li> </ul> </li> </ul>
<b>1.07</b>	<b>2015/12/1</b>	<ul style="list-style-type: none"> <li>• Supported the Generate Report of Pin Description feature.</li> </ul>
<b>1.06</b>	<b>2015/11/1</b>	<ul style="list-style-type: none"> <li>• Supported the NuCAD feature.</li> </ul>
<b>1.05</b>	<b>2015/7/1</b>	<ul style="list-style-type: none"> <li>• Added supported micro controller: <ul style="list-style-type: none"> <li>- NuMicro M0 Family: Mini58 and M0519 Series.</li> </ul> </li> </ul>

		<ul style="list-style-type: none"> <li>Supported the Tooltip feature.</li> </ul>
<b>1.04</b>	<b>2014/11/28</b>	<ul style="list-style-type: none"> <li>Supported IE11.</li> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M0 Family: NUC100, NUC200, NUC029, M051, M0518, Mini51, Nano100 and NM1500 Series.</li> <li>NuMicro M4 Family: NUC505 Series.</li> </ul> </li> </ul>
<b>1.03</b>	<b>2014/1/24</b>	<ul style="list-style-type: none"> <li>Added supported micro controller: <ul style="list-style-type: none"> <li>NuMicro M4 Family: M451 Series.</li> </ul> </li> <li>Enhanced stability.</li> </ul>
<b>1.02</b>	<b>2014/1/3</b>	<ul style="list-style-type: none"> <li>Supported IE10.</li> <li>Improved performance and GUI.</li> <li>Supported the Search feature.</li> <li>Supported the Print Report feature.</li> </ul>
<b>1.01</b>	<b>2013/11/8</b>	<ul style="list-style-type: none"> <li>Supported IE9.</li> <li>Supported Simplified Chinese and Traditional Chinese.</li> </ul>
<b>1.00</b>	<b>2013/10/18</b>	<ul style="list-style-type: none"> <li>Release primary version.</li> </ul>

## 2 SUPPORTED MIRCO CONTROLLER

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
	MUG51	MUG51TB9AE
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

<b>MINI58</b>	MINI58FDE, MINI58LDE, MINI58TDE, MINI58ZDE
<b>NANO100AN</b>	NANO100LC2AN, NANO100LD2AN, NANO100LD3AN, NANO100SC2AN, NANO100SD2AN, NANO100SD3AN, NANO100VD2AN, NANO100VD3AN, NANO100ZC2AN, NANO100ZD2AN, NANO100ZD3AN, NANO120LC2AN, NANO120LD2AN, NANO120LD3AN, NANO120SC2AN, NANO120SD2AN, NANO120SD3AN, NANO120VD2AN, NANO120VD3AN, NANO120ZC2AN, NANO120ZD2AN, NANO120ZD3AN
<b>NANO100BN</b>	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
<b>NANO103</b>	NANO103SD3AE, NANO103LD3AE, NANO103ZD3AE
<b>NANO102/112AN</b>	NANO102LB1AN, NANO102LC2AN, NANO102SC2AN, NANO102ZB1AN, NANO102ZC2AN, NANO112LB1AN, NANO112LC2AN, NANO112RB1AN, NANO112RC2AN, NANO112SB1AN, NANO112SC2AN, NANO112VC2AN
<b>NUC029AN</b>	NUC029LAN, NUC029NAN, NUC029TAN
<b>NUC029AE</b>	NUC029FAE, NUC029TAE
<b>NUC029xDE</b>	NUC029LDE, NUC029SDE
<b>NUC029xEE</b>	NUC029LEE, NUC029SEE
<b>NUC029xGE</b>	NUC029KGE, NUC029LGE, NUC029SGE
<b>NUC029ZAN</b>	NUC029ZAN
<b>NUC130/140CN</b>	NUC130LC1CN, NUC130LD2CN, NUC130LE3CN, NUC130RC1CN, NUC130RD2CN, NUC130RE3CN, NUC130VE3CN, NUC140LC1CN, NUC140LD2CN, NUC140LE3CN, NUC140RC1CN, NUC140RD2CN, NUC140RE3CN, NUC140VE3CN
<b>NUC100/120DN</b>	NUC100LC1DN, NUC100LD2DN, NUC100LE3DN, NUC100RC1DN, NUC100RD1DN, NUC100RD2DN, NUC100RE3DN, NUC100VE3DN, NUC120LC1DN, NUC120LD2DN, NUC120LE3DN, NUC120RC1DN, NUC120RD2DN, NUC120RE3DN, NUC120VE3DN
<b>NUC121</b>	NUC121SC2AE, NUC121LC2AE, NUC121ZC2AE, NUC125SC2AE, NUC125LC2AE, NUC125ZC2AE
<b>NUC123AN</b>	NUC123LC2AN1, NUC123LD4AN0, NUC123SC2AN1, NUC123SD4AN0, NUC123ZC2AN1, NUC123ZD4AN0
<b>NUC123AE</b>	NUC123LC2AE1, NUC123LD4AE0, NUC123SC2AE1, NUC123SD4AE0, NUC123ZC2AE1, NUC123ZD4AE0

	<b>NUC126</b>	NUC126LE4AE, NUC126LG4AE, NUC126NE4AE, NUC126SE4AE, NUC126SG4AE, NUC126VG4AE
	<b>NUC1261</b>	NUC1261LG4AE, NUC1261LE4AE, NUC1261NE4AE, NUC1261SG4AE, NUC1261SE4AE
	<b>NUC131AE</b>	NUC131LC2AE, NUC131LC2AEU, NUC131LD2AE, NUC131LD2AEU, NUC131SC2AE, NUC131SC2AEU, NUC131SD2AE, NUC131SD2AEU
	<b>NUC1311</b>	NUC1311LD2AE
	<b>NUC200/220AN</b>	NUC200LC2AN, NUC200LD2AN, NUC200LE3AN, NUC200SC2AN, NUC200SD2AN, NUC200SE3AN, NUC200VE3AN, NUC220LC2AN, NUC220LD2AN, NUC220LE3AN, NUC220SC2AN, NUC220SD2AN, NUC220SE3AN, NUC220VE3AN
	<b>NUC230/240AE</b>	NUC230LC2AE, NUC230LD2AE, NUC230LE3AE, NUC230SC2AE, NUC230SD2AE, NUC230SE3AE, NUC230VE3AE, NUC240LC2AE, NUC240LD2AE, NUC240LE3AE, NUC240SC2AE, NUC240SD2AE, NUC240SE3AE, NUC240VE3AE
	<b>NUC2201</b>	NUC2201LE3AE, NUC2201SE3AE
	<b>NDA102</b>	NDA102EC1, NDA102FC1, NDA102SD2
<b>NuMicro® M23 Family</b>	<b>M251</b>	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
	<b>M253</b>	M253LD3AE, M253LE3AE, M253ZE3AE
	<b>M258</b>	M254KE3AE, M254KG6AE, M254MD2AE, M254QE3AE, M254SD2AE, M254SE3AE, M254SG6AE, M256KE3AE, M256MD2AE, M256QE3AE, M256QG6AE, M256SD2AE, M256SE3AE, M258KE3AE, M258KG6AE, M258QE3AE, M258QG6AE, M258SE3AE, M258SG6AE
	<b>M261</b>	M261ZIAAE, M261SIAAE, M261KIAAE, M262ZIAAE, M262SIAAE, M262KIAAE, M263ZIAAE, M263SIAAE, M263KIAAE
	<b>M2351</b>	M2351ZIAAE, M2351SIAAE, M2351KIAAE
	<b>M2354</b>	M2354KJFAE, M2354LJFAE, M2354SJFAE
	<b>NUC1262</b>	NUC1262LE4AE, NUC1262NE4AE, NUC1262SE4AE
<b>NuMicro® M4 Family</b>	<b>M451</b>	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
	<b>M4521</b>	M4521LE6AE, M4521SE6AE, M4521RE6AE
	<b>M460</b>	M463H3SJHAN, M467SJHAE, M463SJHAE, M463SIHAE, M467H3SJHAE, M463H3KJHAN, M467KJHAE, M463KJHAE, M463KIHAE, M467H3KJHAE, M467JJHAE, M467H3JJHAN, M467H3JJHAE, M467HJHAE, M467H3HJHAN,



		M464YGCAE, M464LGCAE, M464AGCAE, M464SGCAE, M463VGCAE, M464KGCAE, M463YGCAE, M463LGCAE, M463AGCAE, M463SGCAE, M463KGCAE, M460YGCAE, M460LGCAE, M460AGCAE, M460SGCAE, M460KGCAE, M463SJHAN, M463KJHAN, M467SJHAN, M467KJHAN, M467JJHAN, M467HJHAN
	<b>M471</b>	M471KI8AE, M471LG7AE, M471QG7AE, M471QI8AE, M471SG7AE, M471SI8AE, M471VG7AE, M471VI8AE, M471CI8AE
	<b>M479</b>	M479LG8AE, M479NG8AE, M479SG8AE
	<b>M480</b>	M481LIDAE, M481SIDAE, M481ZIDAE, M482KIDAE, M482LIDAE, M482SIDAE, M482ZIDAE, M483KIDAE, M483SIDAE, M484KIDAE, M484SIDAE, M484SIDAE2U, M485KIDAE, M485LIDAE, M485SIDAE, M487JIDAE, M487KIDAE, M487KMCAN, M487SIDAE
	<b>M480LD</b>	M481LE8AE, M481LGCAE, M481SE8AE, M481SGCAE, M481SGCAE2A, M481ZE8AE, M481ZGCAE, M482KGCAE, M482LE8AE, M482LGCAE, M482SE8AE, M482SGCAE, M482ZE8AE, M482ZGCAE, M483KGCAE, M483KGCAE2A, M483SE8AE, M483SGCAE, M483SGCAE2A
	<b>NUC442/472AE</b>	NUC442JG8AE, NUC442JI8AE, NUC442KG8AE, NUC442KI8AE, NUC442RG8AE, NUC442RI8AE, NUC442VG8AE, NUC442VI8AE, NUC472HG8AE, NUC472HI8AE, NUC472JG8AE, NUC472JI8AE, NUC472KG8AE, NUC472KI8AE, NUC472VG8AE, NUC472VI8AE
	<b>NUC505</b>	NUC505YO13Y, NUC505DS13Y, NUC505DSA, NUC505DL13Y, NUC505DLA, NUC505YLA2Y, NUC505YLA
<b>NuMicro® M7 Family</b>	<b>KM1M7AF</b>	KM1M7AF00K, KM1M7AF00M, KM1M7AF00N, KM1M7AF02K, KM1M7AF02M, KM1M7AF02N, KM1M7AF50K, KM1M7AF50M, KM1M7AF50N, KM1M7AF52K, KM1M7AF52M, KM1M7AF52N
	<b>KM1M7BF</b>	KM1M7BF00K, KM1M7BF00M, KM1M7BF00N, KM1M7BF02K, KM1M7BF02M, KM1M7BF02N
<b>NuMicro® A35 Family</b>	<b>MA35D1</b>	MA35D16F787C, MA35D16F987C, MA35D16A887C, MA35D16A087C
<b>Motor Control</b>	<b>NM1120AE</b>	NM1120FC1AE, NM1120EC1AE, NM1120XC1AE, NM1120TC1AE, NM1120ZC1AE, NM1120FB0AE, NM1120EB0AE, NM1120XB0AE, NM1120TB0AE, NM1120ZB0AE
	<b>NM1200AE</b>	NM1100FAAE, NM1100FBAE, NM1100XAAE, NM1100XBAE, NM1200LAAE, NM1200LBAE, NM1200TAAE, NM1200TBAE
	<b>NM1500AE</b>	NM1510LB1AE, NM1510LC1AE, NM1520LC2AE, NM1520LD2AE, NM1520RC2AE, NM1520RD2AE, NM1530VD3AE, NM1530VE3AE
<b>Audio ChipCorder</b>	<b>ISD9100</b>	I9160FI, I9160VFI
	<b>ISD9300</b>	I9361RI, I9361VRI

## 3 RESOURCES

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

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