



# Revision 3.02 (Released 2020-01-21)

- 1. Supported C-SPY SDK 8.42.
- 2. Supported M479, M480LD (128K) for NuMicro M4 series.
- 3. Supported M031BTYE3AN, M030TD2AE, M030LD2AE, M031BTYD2AN, M058MDE, NM1820S, NM1232D, NM1220EBK0, NM1232Y.
- 4. Welcome to visit: Nuvoton\_Tools Github portal https://github.com/OpenNuvoton/Nuvoton\_Tools

Supported de	vices of Nu-Link (Cortex-M0 series)	
M031 Series		
M031AE	M031LE3AE, M031SE3AE, M031BTY, M032LE3AE, M032SE3AE, M031TD2AE, M031LD2AE, M031LC2AE, M031SD2AE, M031SC2AE, M031BTYD2AN, M031BTYE3AN, M031FC1AE, M031EC1AE, M031TC1AE, M031FB0AE, M031EB0AE, M031TB0AE, M031LIAAE, M032LIAAE, M031SIAAE, M032SIAAE, M031KIAAE, M032KIAAE, M031LG8AE, M032LG8AE, M031SG8AE, M032SG8AE, M031KG8AE, M032KG8AE, M031LG6AE, M032LG6AE, M031SG6AE, M032SG6AE, M031KG6AE, M032KG6AE, M032TD2AE, M032LD2AE, M032TC2AE, M032LC2AE, M030TD2AE, M030LD2AE, M032FC1AE, M032EC1AE, M032TC1AE	
M051 Series		
M051AN	M051LAN, M051PAN, M051YAN, M051ZAN, M052LAN, M052PAN, M052YAN, M052ZAN, M054LAN, M054PAN, M054YAN, M054ZAN, M058LAN, M058PAN, M058YAN, M058ZAN, M0516LAN, M0516PAN, M0516YAN, M0516ZAN	
M051BN	M051LBN, M051PBN, M051YBN, M051ZBN, M052LBN, M052PBN, M052YBN, M052ZBN, M052TBN, M052XBN, M054LBN, M054PBN, M054YBN, M054ZBN, M054TBN, M054XBN, M058LBN, M058PBN, M058YBN, M058ZBN, M058TBN, M058XBN, E32, M0516LBN, M0516PBN, M0516YBN, M0516ZBN, M0516TBN, M0516XBN	
M051DN	M052LDN, M052ZDN, M052TDN, M052XDN, M054LDN, M054ZDN, M054TDN, M054XDN, M058LDN, M058ZDN, M058TDN, M058XDN, M0516LDN, M0516ZDN, M0516TDN, M0516XDN	
M051DE	M052LDE, M052ZDE, M052TDE, M052XDE, M054LDE, M054ZDE, M054TDE, M054XDE, M058LDE, M058ZDE, M058TDE, M058XDE, M058MDE, M0516LDE, M0516ZDE, M0516TDE, M0516XDE, M0515LDE	
M0518 Series	M0518 Series	
M0518AE	M0518LD2AE, M0518LC2AE, M0518SD2AE, M0518SC2AE	
M0519 Series		
M0519AE	M0519LD3AE, M0519LE3AE, M0519SD3AE, M0519SE3AE, M0519VE3AE	
M0564 Series		
M0564AE	M0564LE4AE, M0564LG4AE, M0564SE4AE, M0564SG4AE, M0564VG4AE	
M058S Series		

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M058SAN	M054SLAN, M058SLAN, M059SLAN, M054SZAN, M058SZAN, M059SZAN, M054STAN, M058STAN, M059STAN, M054SSAN, M058SSAN, M059SSAN, M058SFAN
Mini51 Series	
MINI51AN	MINI51LAN, MINI51QAN, MINI51, MINI51ZAN, MINI51TAN, MINI52LAN, MINI52QAN, MINI52, MINI52ZAN, MINI52TAN, MINI54LAN, MINI54QAN, MINI54, MINI54ZAN, MINI54TAN
MINI51DE	MINI51LDE, MINI51QDE, MINI51, MINI51ZDE, MINI51TDE, MINI51FDE, MINI52LDE, MINI52QDE, MINI52, MINI52ZDE, MINI52TDE, MINI52FDE, MINI54LDE, MINI54QDE, MINI54, MINI54ZDE, MINI54TDE, MINI54FDE, MINI54FHC
Mini51X Series	
MINI51X	MINI51XLAE, MINI51XTAE, MINI51XZAE, MINI51XFAE, MINI52XLAE, MINI52XTAE, MINI52XZAE, MINI52XFAE, MINI54XLAE, MINI54XTAE, MINI54XZAE, MINI51XFAE, MINI51XFHC, MINI55LDE, MINI55ZDE, MINI55TDE
Mini57 Series	
MINI57	MINI57EDE, MINI57FDE, Mini57XDE, MINI57TDE
Mini58 Series	
MINI58	MINI58FDE, MINI58LDE, MINI58QDE, MINI58TDE, MINI58ZDE, MINI58FHC
NM1120 Series	
NM1120AE	NM1120FC1AE, NM1120EC1AE, NM1120XC1AE, NM1120ZC1AE
NM1200 Series	
NM1200AE	NM1200LBAE, NM1200TBAE, NM1200ZBAE, NM1100XBAE, NM1100FBAE
NM1230 Series	
NM1230	NM1234D, NM1232D, NM1220EBK0, NM1234Y, NM1232Y, NM1233D, NM1233Y
NM1320 Series	
NM1320AE	NM1320LC2AE
NM1330 Series	
NM1330AE	NM1330LC1AE, NM1330LD2AE
NM1500 Series	
NM1500AE	NM1510LC1AE, NM1520LC2AE, NM1520LD2AE, NM1520RC2AE, NM1520RD2AE, NM1530VD3AE, NM1530VE3AE, NM1530LE3AE
NM1810 Series	
NM1810AE	NM18100Y, NM18101Y, NM18105Y, NM18107Y, NM1817NT
NM1820 Series	
NM1820AE	NM18200S, NM18201S, NM18202S, NM1820ZB0AE, NM18200D, NM18200Y, NM18201Y, NM18202Y, NM1827UW
TF5100 Series	
TF5103	TF5103, TF5103D, TF5103Y, TF5102Y
Nano100 Series	
NANO100AN	Nano100VF3AN, Nano100VF2AN, Nano100SF3AN, Nano100SF2AN, Nano100LF3AN,

	Nano100LF2AN, Nano100VE3AN, Nano100VE2AN, Nano100SE3AN, Nano100SE2AN, Nano100LE3AN, Nano100LE2AN, Nano100VD3AN, Nano100VD2AN, Nano100VD1AN, Nano100SD3AN, Nano100SD2AN, Nano100SD1AN, Nano100LD3AN, Nano100LD2AN, Nano100LD1AN, Nano100VC2AN, Nano100VC1AN, Nano100SC2AN, Nano100SC1AN, Nano100LC2AN, Nano100LC1AN, Nano110VF3AN, Nano110VF2AN, Nano110SF3AN, Nano110SF2AN, Nano110VD2AN, Nano110VE3AN, Nano110SD3AN, Nano110SE2AN, Nano110VD3AN, Nano110VD2AN, Nano110VD3AN, Nano110VD2AN, Nano110VD1AN, Nano110SD3AN, Nano110SD2AN, Nano110VD3AN, Nano110VD2AN, Nano110VC1AN, Nano110SD3AN, Nano110SD2AN, Nano110VD3AN, Nano120VF2AN, Nano110VC1AN, Nano110SC2AN, Nano110SD1AN, Nano120VF2AN, Nano120VF3AN, Nano120VF3AN, Nano120VF3AN, Nano120VF3AN, Nano120VE3AN, Nano120VE3AN, Nano120SD3AN, Nano120VE3AN, Nano120VD3AN, Nano120VD1AN, Nano120LD3AN, Nano120VD2AN, Nano120VD3AN, Nano120VD2AN, Nano120VD2AN, Nano120VC2AN, Nano120VC1AN, Nano120SD3AN, Nano120VC2AN, Nano120VC3AN, Nano120VC3AN, Nano120VC3AN, Nano120VC3AN, Nano130VF3AN, Nano130VF3AN, Nano130VF3AN, Nano130VD3AN, Nano130VD2AN, Nano130VD3AN, Nano130VD2AN, Nano130VD3AN, Nano130VD2AN, Nano130VD3AN, Nano130VD2AN, Nano130VD3AN, Nano130VD2AN, Nano130VC1AN, Nano130SD3AN, Nano130SD3AN, Nano130VC2AN, Na
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Nano103 Series	
NANO103AE	Nano103ZD3AE, Nano103LD3AE, Nano103SD3AE
NDA102 Series	л
NDA102	NDA102EC1, NDA102FC1
NUC029 Series	n



NUC029DE	NUC029LDE, NUC029SDE
NUC029EE	NUC029LEE, NUC029SEE
NUC029GE	NUC029LGE, NUC029SGE, NUC029KGE
NUC100 Series	
NUC100AN	<ul> <li>NUCI00LE3AN, NUCI00LE2AN, NUCI00LD3AN, NUCI00LD3AN, NUCI000E3AN,</li> <li>NUCI00RE2AN, NUCI00RE3AN, NUCI00RC2AN, NUCI00RD3AN, NUCI000RD3AN,</li> <li>NUCI00RE2AN, NUCI000RC3AN, NUCI00RC3AN, NUCI00VD2AN, NUCI00VD3AN,</li> <li>NUCI00VE2AN, NUCI000C3AN, NUCI000C1AN, NUCI00VD2AN, NUCI00VD1AN,</li> <li>NUCI00VE3AN, NUCI00VE1AN, NUCI00VD1AN, NUCI01LE3AN, NUCI01LE3AN,</li> <li>NUCI01LE1AN, NUCI01LD3AN, NUCI01D2AN, NUCI01LE3AN, NUCI01LC3AN,</li> <li>NUCI01LC1AN, NUCI01D2AN, NUCI01D1RE3AN, NUCI01RE3AN,</li> <li>NUCI01RD3AN, NUCI01RD2AN, NUCI01RD3AN, NUCI01RE3AN, NUCI01RC3AN,</li> <li>NUCI01RD3AN, NUCI01VE3AN, NUCI01VE3AN, NUCI01RC3AN, NUCI01VD3AN,</li> <li>NUCI01VD3AN, NUCI01VE3AN, NUCI01VC2AN, NUCI01VC1AN,</li> <li>NUCI01ZE3AN, NUCI012RD2AN, NUCI01VC2AN, NUCI02D1AN,</li> <li>NUCI02LD1AN, NUCI012RD3AN, NUCI02RD3AN, NUCI02D2AN,</li> <li>NUCI02RE2AN, NUCI02RE3AN, NUCI02RD3AN, NUCI02RD3AN, NUCI02RD3AN,</li> <li>NUCI02SE1AN, NUCI02RD3AN, NUCI02ZD1AN, NUCI02ZD1AN,</li> <li>NUCI02SE1AN, NUCI02ZD2AN, NUCI02ZD1AN, NUCI02ZC3AN,</li> <li>NUCI02ZD3AN, NUCI02ZD3AN, NUCI02ZD3AN, NUCI02ZC3AN,</li> <li>NUCI02ZD3AN, NUCI02ZD3AN, NUCI02ZD3AN, NUCI02ZD3AN, NUCI02ZC3AN,</li> <li>NUCI02ZD3AN, NUCI02ZD3AN, NUCI02ZB3AN, NUCI02ZB3AN,</li> <li>NUCI02ZA3AN, NUCI02ZD3AN, NUCI02ZB3AN, NUCI02ZB3AN,</li> <li>NUCI02ZA3AN, NUCI02ZB3AN, NUCI02ZB3AN, NUCI02ZB3AN,</li> <li>NUCI02ZA3AN, NUCI02ZB3AN, NUCI02ZB3AN, NUCI02ZB3AN,</li> <li>NUCI02ZB3AN, NUC</li></ul>

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	NUC120VD3CN, NUC120VD2CN, NUC120VD1CN, NUC120VC3CN, NUC120VC2CN,
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	NUC140LE1CN, NUC140LD3CN, NUC140LD2CN, NUC140LD1CN, NUC140LC3CN,

### NUC140LC2CN, NUC140LC1CN, NUC140RE3CN, NUC140RE2CN, NUC140RE1CN, NUC140RD3CN, NUC140RD2CN, NUC140RD1CN, NUC140RC3CN, NUC140RC2CN, NUC140RC1CN, NUC140VE3CN, NUC140VE2CN, NUC140VE1CN, NUC140VD3CN, NUC140VD2CN, NUC140VD1CN, NUC140VC3CN, NUC140VC2CN, NUC140VC1CN NUC100LE3DN, NUC100LE2DN, NUC100LE1DN, NUC100LD3DN, NUC100LD2DN, NUC100LD1DN, NUC100LC3DN, NUC100LC2DN, NUC100LC1DN, NUC100RE3DN, NUC100RE2DN, NUC100RE1DN, NUC100RD3DN, NUC100RD2DN, NUC100RD1DN, NUC100RC3DN, NUC100RC2DN, NUC100RC1DN, NUC100VE3DN, NUC100VE2DN, NUC100VE1DN, NUC100VD3DN, NUC100VD2DN, NUC100VD1DN, NUC100VC3DN, NUC100VC2DN, NUC100VC1DN, NUC100SE3DN, NUC100SE2DN, NUC100SE1DN, NUC100SD3DN, NUC100SD2DN, NUC100SD1DN, NUC100SC3DN, NUC100SC2DN, NUC100SC1DN, NUC100VE3DE, NUC120LE3DN, NUC120LE2DN, NUC120LE1DN, NUC120LD3DN, NUC120LD2DN, NUC120LD1DN, NUC120LC3DN, NUC120LC2DN, NUC120LC1DN, NUC120RE3DN, NUC120RE2DN, NUC120RE1DN, NUC120RD3DN, NUC120RD2DN, NUC120RD1DN, NUC120RC3DN, NUC120RC2DN, NUC120RC1DN, NUC120VE3DN, NUC120VE2DN, NUC120VE1DN, NUC120VD3DN, NUC120VD2DN, NUC120VD1DN, NUC120VC3DN, NUC120VC2DN, NUC120VC1DN, NUC120RE3DN, NUC120RE2DN, NUC120RE1DN, NUC120RD3DN, NUC120RD2DN, NUC120RD1DN, NUC120RC3DN, NUC120RC2DN, NUC120RC1DN, NUC120LD2DE, NUC130LE3DN, NUC100DN NUC130LE2DN, NUC130LE1DN, NUC130LD3DN, NUC130LD2DN, NUC130LD1DN, NUC130LC3DN, NUC130LC2DN, NUC130LC1DN, NUC130RE3DN, NUC130RE2DN, NUC130RE1DN, NUC130RD3DN, NUC130RD2DN, NUC130RD1DN, NUC130RC3DN, NUC130RC2DN, NUC130RC1DN, NUC130VE3DN, NUC130VE2DN, NUC130VE1DN, NUC130VD3DN, NUC130VD2DN, NUC130VD1DN, NUC130VC3DN, NUC130VC2DN, NUC130VC1DN, NUC130RE3DN, NUC130RE2DN, NUC130RE1DN, NUC130RD3DN, NUC130RD2DN, NUC130RD1DN, NUC130RC3DN, NUC130RC2DN, NUC130RC1DN, NUC140LE3DN, NUC140LE2DN, NUC140LE1DN, NUC140LD3DN, NUC140LD2DN, NUC140LD1DN, NUC140LC3DN, NUC140LC2DN, NUC140LC1DN, NUC140RE3DN, NUC140RE2DN, NUC140RE1DN, NUC140RD3DN, NUC140RD2DN, NUC140RD1DN, NUC140RC3DN, NUC140RC2DN, NUC140RC1DN, NUC140VE3DN, NUC140VE2DN, NUC140VE1DN, NUC140VD3DN, NUC140VD2DN, NUC140VD1DN, NUC140VC3DN, NUC140VC2DN, NUC140VC1DN, NUC140RE3DN, NUC140RE2DN, NUC140RE1DN, NUC140RD3DN, NUC140RD2DN, NUC140RD1DN, NUC140RC3DN, NUC140RC2DN, NUC140RC1DN NUC122LE3AN, NUC122LE2AN, NUC122LE1AN, NUC122LD3AN, NUC122LD2AN, NUC122LD1AN, NUC122LC3AN, NUC122LC2AN, NUC122LC1AN, NUC122RE3AN, NUC122RE2AN, NUC122RE1AN, NUC122RD3AN, NUC122RD2AN, NUC122RD1AN, NUC122RC3AN, NUC122RC2AN, NUC122RC1AN, NUC122SE3AN, NUC122SE2AN, NUC122SE1AN, NUC122SD3AN, NUC122SD2AN, NUC122SD1AN, NUC122SC3AN, NUC122SC2AN, NUC122SC1AN, NUC122ZE3AN, NUC122ZE2AN, NUC122ZE1AN, NUC122ZD3AN, NUC122ZD2AN, NUC122ZD1AN, NUC122ZC3AN, NUC122ZC2AN, NUC122ZC1AN, NUC122ZB3AN, NUC122ZB2AN, NUC122ZB1AN, NUC122ZA3AN, NUC122 NUC122ZA2AN, NUC122ZA1AN, NUC122LB3AN, NUC122LB2AN, NUC122LB1AN, NUC122LA3AN, NUC122LA2AN, NUC122LA1AN, NUC122RB3AN, NUC122RB2AN, NUC122RB1AN, NUC122RA3AN, NUC122RA2AN, NUC122RA1AN, NUC122SB3AN, NUC122SB2AN, NUC122SB1AN, NUC122SA3AN, NUC122SA2AN, NUC122SA1AN, NUC122LA0AN, NUC122LB0AN, NUC122LC0AN, NUC122LD0AN, NUC122RA0AN, NUC122RB0AN, NUC122RC0AN, NUC122RD0AN, NUC122SA0AN, NUC122SB0AN, NUC122SC0AN, NUC122SD0AN, NUC122ZA0AN, NUC122ZB0AN, NUC122ZC0AN, NUC122ZD0AN, NUC122YD3AN, NUC122YD2AN, NUC122YD1AN, NUC122YD0AN,

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	NUC122YC3AN, NUC122YC2AN, NUC122YC1AN, NUC122YC0AN, NUC122YB3AN, NUC122YB2AN, NUC122YB1AN, NUC122YB0AN, NUC122YA3AN, NUC122YA2AN, NUC122YA1AN, NUC122YA0AN, NUC122SD2BN, NUC122ZD2DN, NUC122LD2DN, NUC122SD2DN, NUC122ZC1DN, NUC122LC1DN, NUC122SC1DN
NUC123AN	NUC123SB2AN0, NUC123SB2AN1, NUC123SB3AN0, NUC123SB4AN0, NUC123SC2AN0, NUC123SC2AN1, NUC123SC3AN0, NUC123SC4AN0, NUC123SC2AN2, NUC123SC2AN3, NUC123SC3AN2, NUC123SC4AN2, NUC123SD2AN0, NUC123SD2AN1, NUC123SD3AN0, NUC123SD4AN0, NUC123SE2AN0, NUC123SE2AN0, NUC123SE2AN0, NUC123SE2AN0, NUC123LB2AN0, NUC123LB2AN0, NUC123LB2AN0, NUC123LB2AN0, NUC123LC2AN1, NUC123LC2AN1, NUC123LC2AN1, NUC123LC2AN1, NUC123LC2AN1, NUC123LC2AN1, NUC123LD3AN0, NUC123LD4AN0, NUC123LE2AN0, NUC123LE2AN1, NUC123ZB2AN0, NUC123ZB2AN0, NUC123ZC2AN0, NUC123ZC2AN1, NUC123ZC2AN1, NUC123ZC2AN2, NUC123ZC2AN3, NUC123ZD2AN1, NUC123ZD3AN0, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN0, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN0, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD2AN0, NU
	NUC123SC2AE1, NUC123SD4AE0, NUC123LC2AE1, NUC123LD4AE0, NUC123ZC2AE1, NUC123ZD4AE0, NUC123LC2AP1
NUC121 Series	
NUC121AE	NUC121ZC2AE, NUC121LC2AE, NUC121SC2AE, NUC121WC2AE, NUC121Y25CN
NUC125AE	NUC125ZC2AE, NUC125LC2AE, NUC125SC2AE
NUC126 Series	
$N = 1 + 76 \Delta H$	NUC126LE4AE, NUC126LG4AE, NUC126SE4AE, NUC126SG4AE, NUC126VG4AE, NUC126VG4AE, NUC126NG4AE
NUC1261AE	NUC1261LE4AE, NUC1261LG4AE, NUC1261SE4AE, NUC1261SG4AE
NUC131 Series	
	NUC131LD2AE, NUC131LC2AE, NUC131SD2AE, NUC131SC2AE, NUC131LD2AEU, NUC131LC2AEU, NUC131SD2AEU, NUC131SC2AEU, NUC131RD2AE, NUC131RC2AE
NUC1311AE	NUC1311LD2AE
NUC200 Series	
NUC200/220AN	NUC200LE3AN, NUC200LE2AN, NUC200LE1AN, NUC200LD3AN, NUC200LD2AN, NUC200LD1AN, NUC200LC3AN, NUC200LC2AN, NUC200RC1AN, NUC200RE3AN, NUC200RE2AN, NUC200RE1AN, NUC200RD3AN, NUC200RD2AN, NUC200RD1AN, NUC200RC3AN, NUC200RC2AN, NUC200RC1AN, NUC200VE3AN, NUC200VE2AN, NUC200VE1AN, NUC200VD3AN, NUC200VD2AN, NUC200VD1AN, NUC200VC3AN, NUC200VC2AN, NUC200VC1AN, NUC200SE3AN, NUC200SE2AN, NUC200SE1AN, NUC200SD3AN, NUC200SD2AN, NUC200SD1AN, NUC200SC3AN, NUC200SC2AN, NUC200SC1AN, NUC220LE3AN, NUC220LE2AN, NUC220LE1AN, NUC220LD3AN, NUC220LD2AN, NUC220LE3AN, NUC220LC3AN, NUC220LC2AN, NUC220LD3AN, NUC220RE3AN, NUC220RE2AN, NUC220RE1AN, NUC220RD3AN, NUC220RD2AN, NUC220RE3AN, NUC220RC3AN, NUC220RC1AN, NUC220VE3AN, NUC220VE2AN, NUC220VE1AN, NUC220VD3AN, NUC220VD2AN, NUC220VD1AN, NUC220VE3AN, NUC220VC1AN, NUC220SE3AN, NUC220SE3AN, NUC220SE1AN, NUC220SD3AN, NUC220SD2AN, NUC220SC3AN, NUC220SC3AN, NUC220SC1AN



NUC230/240AE	NUC230RC1AE, NUC230LC2AE, NUC230LD2AE, NUC230LE3AE, NUC230SC2AE, NUC230SD2AE, NUC230SE3AE, NUC230VE3AE, NUC240LC2AE, NUC240LD2AE, NUC240LE3AE, NUC220LE3AE, NUC240SC2AE, NUC240SD2AE, NUC240SE3AE, NUC240VE3AE,
NUC2201AE	NUC2201LE3AE, NUC2201SE3AE
AU9110 Series(A	Audio)
AU9110	
I91000 Series	
I91000	I91032, I91032C, I91032T
I9160	19120, 19130, 19140, 19160
I91200	I91260, I91260B, I91260C, I91230, I91230C
I91300	191340, 191341, 191360, 191361
N569 Series	
	N569S250, N569S500, N569S750, N569S1K0, N569S1K5, N569S2K0, N569S3K0, N569S4K0, N569S8K0, N569SAK0, N569S251, N569S501, N569S751, N569S1K1, N569S1K6, N569S2K1, N569S3K1, N569S4K1, N569S8K1, N569SAK1, N569SCK2, N569S502, N569SAK2
N570 Series	
N570/N570S	N570F064, N570C064, N570S04A, N570S08A, N570S16A, N570S32A, N570S64A, N570S128, N570SA2A, N570SC04, N570SC08, N570SC16, N570SC32, N570SC64, N570SCA2, N570S04B, N570S08B, N570S16B, N570S32B, N570S64B, N570S129, N570S130, N570SC05, N570SC09, N570SC17, N570SC33, N570SC65, N570SCA3, N570S256
N572 Series	
N572/N572S	N572F065, N572F072, N572C072, N572S08A, N572S16A, N572S32A, N572S64A, N572SC08, N572SC16, N572SC32, N572SC64, N572S08B, N572S16B, N572S32B, N572S64B, N572SC09, N572SC17, N572SC33, N572SC65, N572U08A, N572U16A, N572U32A, N572U64A, N572U128, N572U08B, N572U16B, N572U32B, N572U64B, N572U129, N572U130
N575 Series	
	N575F145, N575C145, N575S08A, N575S16A, N575S32A, N575S64A, N575S08B, N575S16B, N575S32B, N575S64B
N576 Series	
N576	N576F145, N576C145
Supported devi	ces of Nu-Link (Cortex-M4 series)
M451 Series	
M451	M451VG6AE, M451VE6AE, M451RG6AE, M451RE6AE, M451LG6AE, M451LE6AE, M451VD3AE, M451VC3AE, M451RD3AE, M451RC3AE, M451SD3AE, M451SC3AE, M451LD3AE, M451LC3AE, M451YD3AE, M451YC3AE, M452VG6AE, M452VE6AE, M452RG6AE, M452RE6AE, M452SG6AE, M452SE6AE, M452LG6AE, M452LE6AE, M452VD3AE, M452VC3AE, M452RD3AE, M452RC3AE, M452SD3AE, M452SC3AE, M452LD3AE, M452LC3AE, M452YD3AE, M452YC3AE, M453VG6AE, M453VE6AE,

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	<ul> <li>M453RG6AE, M453RE6AE, M453LG6AE, M453LE6AE, M453VD3AE, M453VC3AE,</li> <li>M453RD3AE, M453RC3AE, M453SD3AE, M453SC3AE, M453LD3AE, M453LC3AE,</li> <li>M453YD3AE, M453YC3AE, M451MRG6AE, M451MRE6AE, M451MLG6AE,</li> <li>M451MLE6AE, M451MRD3AE, M451MRC3AE, M451MSD3AE, M451MSC3AE,</li> <li>M451MLD3AE, M451MLC3AE, M4LEDRG6AE, M4LEDRE6AE, M4LEDLG6AE,</li> <li>M4LEDLE6AE, M4TKVG6AE, M4TKVE6AE, M4TKRG6AE, M4TKRE6AE, M4TKLG6AE,</li> <li>M452DE6AE, M4521SE6AE, M4521LE6AE</li> </ul>
M4521AE	M4521RE6AE, M4521SE6AE, M4521LE6AE
NUC400 Serie	
NUC400	NUC472HI8AE, NUC472HH8AE, NUC472HG8AE, NUC472JI8AE, NUC472JH8AE, NUC472JG8AE, NUC472KI8AE, NUC472KH8AE, NUC472KG8AE, NUC472VI8AE, NUC472VH8AE, NUC472VG8AE, NUC460JI8AE, NUC460JH8AE, NUC460JG8AE, NUC460KI8AE, NUC460KH8AE, NUC460KG8AE, NUC460VI8AE, NUC460VH8AE, NUC460VG8AE, NUC460RI8AE, NUC460RH8AE, NUC460RG8AE, NUC452JI8AE, NUC452JH8AE, NUC452JG8AE, NUC460RH8AE, NUC452KH8AE, NUC452JH8AE, NUC452VI8AE, NUC452VH8AE, NUC452VG8AE, NUC442JI8AE, NUC442JH8AE, NUC442JG8AE, NUC452VH8AE, NUC452VG8AE, NUC442JI8AE, NUC442JH8AE, NUC442JG8AE, NUC442KI8AE, NUC442KH8AE, NUC442KG8AE, NUC442VI8AE, NUC442VH8AE, NUC442VG8AE, NUC442RI8AE, NUC442RH8AE, NUC442RG8AE, NUC430JI8AE, NUC430JH8AE, NUC430JG8AE, NUC430KI8AE, NUC430KH8AE, NUC430KG8AE, NUC430VI8AE, NUC430VH8AE, NUC430VG8AE, NUC430RI8AE, NUC430RH8AE, NUC430RG8AE, NUC422JI8AE, NUC422JH8AE, NUC422JG8AE, NUC422KI8AE, NUC422KH8AE, NUC422KG8AE, NUC422VI8AE, NUC422VH8AE, NUC410JH8AE, NUC410JG8AE, NUC410KI8AE, NUC410RH8AE, NUC410JI8AE, NUC410VI8AE, NUC410VH8AE, NUC410VG8AE, NUC410RH8AE, NUC410RH8AE, NUC410VI8AE, NUC400JI8AE, NUC410VG8AE, NUC400JG8AE, NUC410RH8AE, NUC410RG8AE, NUC400JI8AE, NUC400VI8AE, NUC400VH8AE, NUC400VG8AE, NUC410RG8AE, NUC400KG8AE, NUC400VI8AE, NUC400VH8AE, NUC400VG8AE, NUC400KH8AE, NUC400KG8AE, NUC400VI8AE, NUC400VH8AE, NUC400VG8AE, NUC400KH8AE, NUC400KG8AE, NUC400VI8AE, NUC400VH8AE, NUC400VG8AE, NUC400RI8AE, NUC400RH8AE, NUC400VI8AE, NUC400VH8AE, NUC400VG8AE, NUC400RI8AE, NUC400RH8AE, NUC400VF8AE
NUC505 Serie	es
NUC505	NUC505DL13Y, NUC505DS13Y, NUC505YO13Y
M479 Series	
M479AE	M479SG8AEE, M479LG8AEE, M479NG8AEE
M480 Series	
M480AE	<ul> <li>M481KIDAE, M481KGAAE, M481SIDAE, M481SGAAE, M481LIDAE, M481LGAAE,</li> <li>M481ZIDAE, M481ZGAAE, M481ZGDAE, M482JIDAE, M482JGAAE, M482KIDAE,</li> <li>M482KGAAE, M482VIDAE, M482VGAAE, M482SIDAE, M482SGAAE, M482SIDAE3O,</li> <li>M482LIDAE, M482LGAAE, M482ZIDAE, M483JIDAE, M483JGAAE, M483KIDAE,</li> <li>M483KGAAE, M483VIDAE, M483VGAAE, M483SIDAE, M483SGAAE, M483LIDAE,</li> <li>M483LGAAE, M484KIDAE, M484KGAAE, M484SIDAE, M485SGAAE, M485VIDAE,</li> <li>M485VGAAE2U, M485JIDAE, M485JGAAE, M485SIDAE, M485SGAAE, M485VIDAE,</li> <li>M485VGAAE, M485OIDAE, M485OGAAE, M485SIDAE, M485SGAAE, M485LIDAE,</li> <li>M485ZIDAE, M486JIDAE, M486KIDAE, M487JIDAE, M487JGAAE, M487KIDAE,</li> <li>M487KGAAE, M487SIDAE, M487SGAAE, M481SGCAE, M481SG8AE, M481SE8AE,</li> <li>M481SGCAE2A, M481SG8AE2A, M481LGCAE, M481LG8AE, M482SGAAE, M482SG8AE,</li> <li>M482SE8AE, M482LGCAE, M482LG8AE, M482LE8AE, M482SGCAE, M482ZG8AE,</li> <li>M482ZE8AE, M483KGCAE, M483KG8AE, M483SGCAE, M483SG8AE, M483SE8AE,</li> </ul>



	M483KGCAE2A, M483KG8AE2A, M483SGCAE2A, M483SG8AE2A
194000 Series	
194000	I94124, I94123, I94121, I94120, I94114, I94113, I94111, I94110, I94134, I94133, I94131, I94130
Supported devi	ces of Nu-Link (Cortex-M23 series)
M251 Series	
M251	M252FC2AE, M252EC2AE, M252ZC2AE, M251FC2AE, M251EC2AE, M251ZC2AE, M251FB2AE, M251EB2AE, M251ZB2AE, M251SD2AE, M251LD2AE, M251ZD2AE, M251SC2AE, M251LC2AE, M252SD2AE, M252LD2AE, M252ZD2AE, M252SC2AE, M252LC2AE, M252KE3AE, M252SE3AE, M252LE3AE, M251KE3AE, M251SE3AE, M251LE3AE, M252KG6AE, M252SG6AE, M252LG6AE, M251KG6AE, M251SG6AE, M251LG6AE
M2351 Series	
M2351	M2351KIAAE, M2351SIAAE, M2351ZIAAE, M2353SIAAE
M261 Series	
M261	M261KIAAE, M261SIAAE, M261ZIAAE, M262KIAAE, M262SIAAE, M262ZIAAE, M263KIAAE, M263SIAAE, M263ZIAAE
Supported devi	ces of Nu-Link (8051 series)
NuMicro 8051 In	ndustry Product Line
MS51 series	MS51IA9AE, MS51BA9AE, MS51DA9AE, MS51XB9AE, MS51XB9BE, MS51FB9AE, MS51FC0AE, MS51XC0BE, MS51EC0AE, MS51TC0AE, MS51PC0AE
NuMicro 8051 Low power Product Line	
ML51 series	ML51BB9AE, ML51DB9AE, ML51FB9AE, ML51OB9AE, ML51XB9AE, ML51EB9AE, ML51UB9AE, ML51PB9AE, ML51TB9AE, ML51EC0AE, ML51UC0AE, ML51PC0AE, ML51TC0AE
LPC 1T 8051 Pr	oduct Line
N76E003 series	N76E003AT20, N76E003AS20, N76E003AQ20, N76E003BQ20, N76E003CQ20
N76E616 series	N76E616AL48, N76E616AF44, N76E616AM44
N76E885 series	N76E885AT28, N76E885AT20, N76E885AQ20, N76E885AS28
LPC 4T 8051 Product Line (Nu-Link-51 Only)	
N79E85J	N79E715AT28, N79E715AT20, N79E715AS28, N79E715AS20, N79E715AS16, N79E855AWG, N79E854AWG, N79E845AWG, N79E844AWG, N79E8432ASG, N79E815AT28, N79E815AT20, N79E814AT28, N79E814AT20, N79E8132AS16

## Revision 3.01 (Released 2019-09-30)

- 1. Added C-SPY SDK 8.40 support.
- 2. Supported NUC1311, M032C/D for NuMicro M0 series.
- 3. Supported MR63 for NuMicro M23 series.

## Revision 3.00 (Released 2019-05-03)

1. Added TF5100/ M031 (256/512 KB) for Cortex M0 series.



- 2. Added M261 for Cortex M23 series.
- 3. Supported EW8051 10.30 for 8051 series.
- 4. Supported Nu-Link2 ICE adapter.

## Revision 2.06 (Released 2019-02-26)

### Cortex-M

- 1. Supported M480LD for NuMicro M4 series.
- 2. Supported NM1230 for Motor MCU.
- 3. Supported C-SPY SDK 8.32.
- 4. Fixed SP display problem of M252 series.

### EW8051

1. Supported ML51/MS51 for NuMicro 8051 series.

## Revision 2.05 (Released 2018-09-06)

#### Cortex-M

- 1. Supported Nu-Link2.
- Supported NUC029DE/EE/GE, NUC2201, NUC1261, NDA102, M031, NM1230 for NuMicro M0 series.
- 3. Supported M4521 for NuMicro M4 series.
- 4. Supported IAR EWARM 830.

#### EW8051

1. Supported Nu-Link2.

## Revision 2.04.6725 (Released 2018-04-03)

#### CortexM

1. Improved download performance around 5%.

#### EW8051

- 1. Added .ini file under project directory to save user configurations.
- 2. Supported SFR Page Selection and SPROM mapping.

## Revision 2.03.6674 (Released 2017-12-11)

- 1. Supported M2351 for NuMicro M23 series.
- 2. Supported N76E003, N76E616, N76E885 for NuMicro 8051 series.

## Revision 2.02.6629 (Released 2017-06-23)

- 1. Supported IAR EWARM 810.
- 2. Supported NuConsole, it can show printf log on screen via SWD interface. Please check "NuConsole Plug-in" section of user manual in installation directory.
- 3. Supported Mini57 for NuMicro M0 series.
- 4. Supported M480 for NuMicro M4 series.
- 5. Supported I94000 for NuVoice series.

## Revision 2.01.6592 (Released 2017-01-13)

1. Supported NUC121, NUC125, NUC126, M0564, NM1810 and I91200 series.

2. Supported ewarm780-cspysdk for IAR.

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## Revision 2.00.6561 (Released 2016-07-22)

- 1. Supported ISD9032 for NuVoice series
- 2. Updated DDF file of NM1120, NM1330, NM1820, Nano103 for register display.
- 3. Supported ewarm760-cspysdk for IAR.
- 4. Fixed the issue that can't erase SPROM.

#### Revision 1.31.6535 (Released 2016-02-01)

- 1. Supported Nano103, NM1120, NM1330, NM1820 for NuMicro M0 series.
- 2. Supported N575, N576 and N570 for NuVoice series
- 3. Updated DDF file of Mini58DE, M451 and NUC505 for register display.
- 4. Renamed the part number Mini51X to Mini55.
- 5. Supported ewarm750-cspysdk for IAR.

#### Revision 1.30.6491 (Released 2015-07-21)

- 1. NUC230/240AE: Supported 8 KB LDROM (4 KB in previous version).
- 2. Mini58: Supported 2.5 KB LDROM (2 KB in previous version).
- 3. Nano112: Fixed ICE connection failed when target chip is in Power-down mode.
- 4. Supported runtime hardware breakpoint setting.
- 5. Renamed NUC123BE to NUC123AE.

#### Revision 1.29.6425 (Released 2015-03-27)

- 1. Supported ewarm740-cspysdk for IAR.
- 2. Disabled Watchdog while programming target Flash to avoid failure caused by Watchdog reset.
- 3. Replaced ICE clock 16 MHz with 12 MHz for compatibility issue.
- 4. Added part number: NUC220LE3AE.
- 5. Supported M0519, NM1320 and Mini58 for NuMicro M0 series.
- 6. Provided an option to install Bulk USB driver when Nu-Link driver installation completed.

#### Revision 1.28.6386 (Released 2015-01-14)

- 1. Supported USB Bulk mode which can improve downloading and programming speed on Win7.
- 2. Added part number: NUC120LD2DE.
- 3. Supported NUC505 for NuMicro M4 series.
- 4. Supported NUC029 for NuMicro M0 series.
- 5. Supported ewarm730-cspysdk for IAR.

#### Revision 1.27.6340 (Released 2014-09-29)

- 1. Supported ISD9361 for ARM based Audio series.
- 2. Supported N571P032, N572F065 and N572F072 for NuVoice series.
- 3. Added part numbers: M4LEDRG6AE, M4LEDRE6AE, M4LEDLG6AE, M4LEDLE6AE.
- 4. Added part number: NUC100VE3DE.

#### Revision 1.26.6314 (Released 2014-07-21)

- 1. Supported M0518 for NuMicro M0 series.
- 2. Added M452 and M453 part number for M451 series.

### Revision 1.25.6287 (Released 2014-05-22)

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- 1. Supported NUC131 for NuMicro M0 series.
- 3. Supported M451 for NuMicro M4 series.
- 4. Supported one computer can be connected to 10 Nu-Link devices simultaneously.
- 5. Supported PinView function which can help user to debug and observe pin status on a user friendly GUI.
- 6. Supported ewarm710-cspysdk for IAR.
- 7. Added data breakpoint support.
- 8. Renamed the part number MT530 to NM1530.

#### Revision 1.24.6211 (Released 2014-01-16)

- 1. Supported Nano112AN and AU9110 for NuMicro M0 series.
- 2. Support ewarm660-cspysdk for IAR.

### Revision 1.23.6103 (Released 2013-10-25)

- 1. Re-classified chip selection.
- Supported M051DN, M051DE, Mini51DE, NUC100EN, NUC200AE, MT500BE for NuMicro M0 series.
- 3. Supported NUC442/472 for NuMicro M4 series.
- 4. Support ewarm6503-cspysdk for IAR.
- 5. Added flash download verification function.

#### Revision 1.22.6040 (Released 2013-07-09)

- 1. Supported M058S AN, M051 DN, M05x CN and NANO100 AN series.
- 2. Added an error message to terminate the download process if image size is larger than APROM size.

#### Revision 1.21.5905 (Released 2012-12-27)

- 1. Updated config files for MINI51, MT500, NANO100, NUC100AN/BN/DN, NUC123 and NUC200 series.
- 2. Added config files for NUC100CN and NUC122 series.
- 3. Updated some naming and grouping of register.

#### Revision 1.20.5881 (Released 2012-12-19)

- 1. Added config files for NUC123 series.
- 2. Updated the config files of M051 and NANO100 BN series.
- 3. Modified config0 boot select options in NANO100 BN series.

#### Revision 1.19.5786 (Released 2012-10-24)

- 1. Supported NUC100 DN, NUC123, NUC200, NANO100 BN, MT500, MINI51 BN and M051 CN series.
- 2. Supported memory/register read during free running.
- 3. Integrated Viewer Tool.

### Revision 1.18.5320 (Released 2011-11-17)

- 1. Modified the device configuration file to fix the reset problem.
- 2. Added the message window to show unsupported information for IAR 5.40 or lower.

#### Revision 1.17.5218 (Released 2011-08-11)

- 1. Supported NANO100 and MINI51 series.
- 2. Supported to select multiple Nu-Links.
- 3. Updated to not to show firmware update dialog if Nu-Link firmware is compatible.
- 4. Supported the erase function for locked chips.
- 5. Added a link to *nuvoton-m0.com* on GUI.
- 6. Supported IAR 6.21.

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7. Updated CAN registers for NUC130/NUC140 CN.

#### Revision 1.05.5008 (Released 2011-05-04)

- 1. Supported M051 BN and NUC100 CN series.
- 2. Removed Simplified Chinese documents for Traditional Chinese installer.
- 3. Supported LED indication for USB/Target power.
- 4. Supported to adjust target power by Nu-Link pro.

#### Revision 1.03.4228 (Released 2010-12-08)

1. Primary release version.



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