

## Nu-Link Driver for Keil RVMDK Revision History

**Revision 3.02 (Released 2020-01-21)**

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

Supported devices of Nu-Link (Cortex-M0 series)	
<b>M031 Series</b>	
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
<b>M051 Series</b>	
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
<b>M0518 Series</b>	
M0518AE	M0518LD2AE, M0518LC2AE, M0518SD2AE, M0518SC2AE
<b>M0519 Series</b>	
M0519AE	M0519LD3AE, M0519LE3AE, M0519SD3AE, M0519SE3AE, M0519VE3AE
<b>M0564 Series</b>	
M0564AE	M0564LE4AE, M0564LG4AE, M0564SE4AE, M0564SG4AE, M0564VG4AE
<b>M058S Series</b>	
M058SAN	M054SLAN, M058SLAN, M059SLAN, M054SZAN, M058SZAN, M059SZAN, M054STAN,

	M058STAN, M059STAN, M054SSAN, M058SSAN, M059SSAN, M058SFAN
<b>Mini51 Series</b>	
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
<b>Mini51X Series</b>	
MINI51X	MINI51XLAE, MINI51XTAE, MINI51XZAE, MINI51XFAE, MINI52XLAE, MINI52XTAE, MINI52XZAE, MINI52XFAE, MINI54XLAE, MINI54XTAE, MINI54XZAE, MINI51XFAE, MINI51XFHC, MINI55LDE, MINI55ZDE, MINI55TDE
<b>Mini57 Series</b>	
MINI57	MINI57EDE, MINI57FDE, Mini57XDE, MINI57TDE
<b>Mini58 Series</b>	
MINI58	MINI58FDE, MINI58LDE, MINI58QDE, MINI58TDE, MINI58ZDE, MINI58FHC
<b>NM1120 Series</b>	
NM1120AE	NM1120FC1AE, NM1120EC1AE, NM1120XC1AE, NM1120ZC1AE
<b>NM1200 Series</b>	
NM1200AE	NM1200LBAE, NM1200TBAE, NM1200ZBAE, NM1100XBAE, NM1100FBAE
<b>NM1230 Series</b>	
NM1230	NM1234D, NM1232D, NM1220EBK0, NM1234Y, NM1232Y, NM1233D, NM1233Y
<b>NM1320 Series</b>	
NM1320AE	NM1320LC2AE
<b>NM1330 Series</b>	
NM1330AE	NM1330LC1AE, NM1330LD2AE
<b>NM1500 Series</b>	
NM1500AE	NM1510LC1AE, NM1520LC2AE, NM1520LD2AE, NM1520RC2AE, NM1520RD2AE, NM1530VD3AE, NM1530VE3AE, NM1530LE3AE
<b>NM1810 Series</b>	
NM1810AE	NM18100Y, NM18101Y, NM18105Y, NM18107Y, NM1817NT
<b>NM1820 Series</b>	
NM1820AE	NM18200S, NM18201S, NM18202S, NM1820ZB0AE, NM18200D, NM18200Y, NM18201Y, NM18202Y, NM1827UW
<b>TF5100 Series</b>	
TF5103	TF5103, TF5103D, TF5103Y, TF5102Y
<b>Nano100 Series</b>	
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, Nano110VE3AN, Nano110VE2AN, Nano110SE3AN, Nano110SE2AN, Nano110VD3AN, Nano110VD2AN, Nano110VD1AN, Nano110SD3AN, Nano110SD2AN, Nano110SD1AN, Nano110VC2AN, Nano110VC1AN, Nano110SC2AN, Nano110SC1AN, Nano120VF3AN, Nano120VF2AN, Nano120SF3AN, Nano120SF2AN, Nano120LF3AN, Nano120LF2AN, Nano120VE3AN, Nano120VE2AN, Nano120SE3AN, Nano120SE2AN, Nano120LE3AN, Nano120LE2AN, Nano120VD3AN, Nano120VD2AN, Nano120VD1AN, Nano120SD3AN, Nano120SD2AN, Nano120SD1AN, Nano120LD3AN, Nano120LD2AN, Nano120LD1AN, Nano120VC2AN, Nano120VC1AN, Nano120SC2AN, Nano120SC1AN, Nano120LC2AN, Nano120LC1AN, Nano120ZD3AN, Nano120ZD2AN, Nano120ZC2AN, Nano130VF3AN, Nano130VF2AN, Nano130SF3AN, Nano130SF2AN, Nano130VE3AN, Nano130VE2AN, Nano130SE3AN, Nano130SE2AN, Nano130VD3AN, Nano130VD2AN, Nano130VD1AN, Nano130SD3AN, Nano130SD2AN, Nano130SD1AN, Nano130VC2AN, Nano130VC1AN, Nano130SC2AN, Nano130SC1AN
NANO100BN	Nano100KE3BN, Nano100KE2BN, Nano100VE3BN, Nano100VE2BN, Nano100SE3BN, Nano100SE2BN, Nano100LE3BN, Nano100LE2BN, Nano100KD3BN, Nano100KD2BN, Nano100VD3BN, Nano100VD2BN, Nano100SD3BN, Nano100SD2BN, Nano100LD3BN, Nano100LD2BN, Nano100KC2BN, Nano100VC2BN, Nano100SC2BN, Nano100LC2BN, Nano100NE3BN, Nano100ND3BN, Nano100ND2BN, Nano100WE3BN, Nano110KE3BN, Nano110KE2BN, Nano110VE3BN, Nano110VE2BN, Nano110SE3BN, Nano110SE2BN, Nano110KD3BN, Nano110KD2BN, Nano110VD3BN, Nano110VD2BN, Nano110SD3BN, Nano110SD2BN, Nano110KC2BN, Nano110VC2BN, Nano110SC2BN, Nano110RC2BN, Nano110RD2BN, Nano110RD3BN, Nano120KE3BN, Nano120KE2BN, Nano120VE3BN, Nano120VE2BN, Nano120SE3BN, Nano120SE2BN, Nano120LE3BN, Nano120LE2BN, Nano120KD3BN, Nano120KD2BN, Nano120VD3BN, Nano120VD2BN, Nano120SD3BN, Nano120SD2BN, Nano120LD3BN, Nano120LD2BN, Nano120KC2BN, Nano120VC2BN, Nano120SC2BN, Nano120LC2BN, Nano130KE3BN, Nano130KE2BN, Nano130VE3BN, Nano130VE2BN, Nano130SE3BN, Nano130SE2BN, Nano130KD3BN, Nano130KD2BN, Nano130VD3BN, Nano130VD2BN, Nano130SD3BN, Nano130SD2BN, Nano130KC2BN, Nano130VC2BN, Nano130SC2BN
NANO112AN	Nano112LB0AN, Nano112LB1AN, Nano112LC1AN, Nano112LC2AN, Nano112SB0AN, Nano112SB1AN, Nano112SC1AN, Nano112SC2AN, Nano112RB0AN, Nano112RB1AN, Nano112RC1AN, Nano112RC2AN, Nano112VB0AN, Nano112VB1AN, Nano112VC1AN, Nano112VC2AN, Nano102ZB0AN, Nano102ZB1AN, Nano102ZC1AN, Nano102ZC2AN, Nano102LB0AN, Nano102LB1AN, Nano102LC1AN, Nano102LC2AN, Nano102SB0AN, Nano102SB1AN, Nano102SC1AN, Nano102SC2AN
<b>Nano103 Series</b>	
NANO103AE	Nano103ZD3AE, Nano103LD3AE, Nano103SD3AE
<b>NDA102 Series</b>	
NDA102	NDA102EC1, NDA102FC1
<b>NUC029 Series</b>	
NUC029AN	NUC029NAN, NUC029LAN, NUC029TAN, NUC029CIG1, NUC029ZAN, NUC029TAE,
NUC029AE	NUC029FAE

NUC029DE	NUC029LDE, NUC029SDE
NUC029EE	NUC029LEE, NUC029SEE
NUC029GE	NUC029LGE, NUC029SGE, NUC029KGE
<b>NUC100 Series</b>	
NUC100AN	NUC100LE3AN, NUC100LE2AN, NUC100LE1AN, NUC100LD3AN, NUC100LD2AN, NUC100LD1AN, NUC100LC3AN, NUC100LC2AN, NUC100LC1AN, NUC100RE3AN, NUC100RE2AN, NUC100RE1AN, NUC100RD3AN, NUC100RD2AN, NUC100SD2AN, NUC100RD1AN, NUC100RC3AN, NUC100RC2AN, NUC100RC1AN, NUC100VE3AN, NUC100VE2AN, NUC100VE1AN, NUC100VD3AN, NUC100VD2AN, NUC100VD1AN, NUC100VC3AN, NUC100VC2AN, NUC100VC1AN, NUC101LE3AN, NUC101LE2AN, NUC101LE1AN, NUC101LD3AN, NUC101LD2AN, NUC101LD1AN, NUC101LC3AN, NUC101LC2AN, NUC101LC1AN, NUC101RE3AN, NUC101RE2AN, NUC101RE1AN, NUC101RD3AN, NUC101RD2AN, NUC101RD1AN, NUC101RC3AN, NUC101RC2AN, NUC101RC1AN, NUC101VE3AN, NUC101VE2AN, NUC101VE1AN, NUC101VD3AN, NUC101VD2AN, NUC101VD1AN, NUC101VC3AN, NUC101VC2AN, NUC101VC1AN, NUC102LE3AN, NUC102LE2AN, NUC102LE1AN, NUC102LD3AN, NUC102LD2AN, NUC102LD1AN, NUC102LC3AN, NUC102LC2AN, NUC102LC1AN, NUC102RE3AN, NUC102RE2AN, NUC102RE1AN, NUC102RD3AN, NUC102RD2AN, NUC102RD1AN, NUC102RC3AN, NUC102RC2AN, NUC102RC1AN, NUC102SE3AN, NUC102SE2AN, NUC102SE1AN, NUC102SD3AN, NUC102SD2AN, NUC102SD1AN, NUC102SC3AN, NUC102SC2AN, NUC102SC1AN, NUC102ZE3AN, NUC102ZE2AN, NUC102ZE1AN, NUC102ZD3AN, NUC102ZD2AN, NUC102ZD1AN, NUC102ZC3AN, NUC102ZC2AN, NUC102ZC1AN, NUC102ZB3AN, NUC102ZB2AN, NUC102ZB1AN, NUC102ZA3AN, NUC102ZA2AN, NUC102ZA1AN, NUC102LB3AN, NUC102LB2AN, NUC102LB1AN, NUC102LA3AN, NUC102LA2AN, NUC102LA1AN, NUC102RB3AN, NUC102RB2AN, NUC102RB1AN, NUC102RA3AN, NUC102RA2AN, NUC102RA1AN, NUC102SB3AN, NUC102SB2AN, NUC102SB1AN, NUC102SA3AN, NUC102SA2AN, NUC102SA1AN, NUC102LA0AN, NUC102LB0AN, NUC102LC0AN, NUC102LD0AN, NUC102RA0AN, NUC102RB0AN, NUC102RC0AN, NUC102RD0AN, NUC102SA0AN, NUC102SB0AN, NUC102SC0AN, NUC102SD0AN, NUC102ZA0AN, NUC102ZB0AN, NUC102ZC0AN, NUC102ZD0AN, NUC102YD3AN, NUC102YD2AN, NUC102YD1AN, NUC102YD0AN, NUC102YC3AN, NUC102YC2AN, NUC102YC1AN, NUC102YC0AN, NUC102YB3AN, NUC102YB2AN, NUC102YB1AN, NUC102YB0AN, NUC102YA3AN, NUC102YA2AN, NUC102YA1AN, NUC102YA0AN, NUC103SB2AN0, NUC103SB2AN1, NUC103SB3AN0, NUC103SB4AN0, NUC103SC2AN0, NUC103SC2AN1, NUC103SC3AN0, NUC103SC4AN0, NUC103SC2AN2, NUC103SC2AN3, NUC103SC3AN2, NUC103SC4AN2, NUC103SD2AN0, NUC103SD2AN1, NUC103SD3AN0, NUC103SD4AN0, NUC103SE2AN0, NUC103SE2AN1, NUC103SE3AN0, NUC103SE4AN0, NUC103LB2AN0, NUC103LB2AN1, NUC103LB3AN0, NUC103LB4AN0, NUC103LC2AN0, NUC103LC2AN1, NUC103LC3AN0, NUC103LC4AN0, NUC103LC2AN2, NUC103LC2AN3, NUC103LC3AN2, NUC103LC4AN2, NUC103LD2AN0, NUC103LD2AN1, NUC103LD3AN0, NUC103LD4AN0, NUC103LE2AN0, NUC103LE2AN1, NUC103LE3AN0, NUC103LE4AN0, NUC103ZB2AN0, NUC103ZB2AN1, NUC103ZB3AN0, NUC103ZB4AN0, NUC103ZC2AN0, NUC103ZC2AN1, NUC103ZC3AN0, NUC103ZC4AN0, NUC103ZC2AN2, NUC103ZC2AN3, NUC103ZC3AN2, NUC103ZC4AN2, NUC103ZD2AN0, NUC103ZD2AN1, NUC103ZD3AN0, NUC103ZD4AN0, NUC103ZE2AN0, NUC103ZE2AN1, NUC103ZE3AN0, NUC103ZE4AN0, NUC105SB2AN0, NUC105SB2AN1, NUC105SB3AN0, NUC105SB4AN0, NUC105SC2AN0, NUC105SC2AN1, NUC105SC3AN0, NUC105SC4AN0, NUC105SC2AN2, NUC105SC2AN3, NUC105SC3AN2, NUC105SC4AN2, NUC105SD2AN0, NUC105SD2AN1, NUC105SD3AN0,

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NUC100BN	<p>             NUC100LD2BN, NUC100LD1BN, NUC100LD0BN, NUC100LC2BN, NUC100LC1BN,              NUC100LC0BN, NUC100LB2BN, NUC100LB1BN, NUC100LB0BN, NUC100LA2BN,              NUC100LA1BN, NUC100LA0BN, NUC100RD2BN, NUC100RD1BN, NUC100RD0BN,              NUC100RC2BN, NUC100RC1BN, NUC100RC0BN, NUC100RB2BN, NUC100RB1BN,              NUC100RB0BN, NUC100RA2BN, NUC100RA1BN, NUC100RA0BN, NUC101LD2BN,              NUC101LD1BN, NUC101LD0BN, NUC101LC2BN, NUC101LC1BN, NUC101LC0BN,              NUC101LB2BN, NUC101LB1BN, NUC101LB0BN, NUC101LA2BN, NUC101LA1BN,              NUC101LA0BN, NUC101RD2BN, NUC101RD1BN, NUC101RD0BN, NUC101RC2BN,              NUC101RC1BN, NUC101RC0BN, NUC101RB2BN, NUC101RB1BN, NUC101RB0BN,              NUC101RA2BN, NUC101RA1BN, NUC101RA0BN, NUC101YD2BN, NUC101YD1BN,              NUC101YD0BN, NUC101YC2BN, NUC101YC1BN, NUC101YC0BN, NUC101YB2BN,              NUC101YB1BN, NUC101YB0BN, NUC101YA2BN, NUC101YA1BN, NUC101YA0BN,              NUC103SB2BN0, NUC103SB2BN1, NUC103SB3BN0, NUC103SB4BN0, NUC103SC2BN0,              NUC103SC2BN1, NUC103SC3BN0, NUC103SC4BN0, NUC103SC2BN2, NUC103SC2BN3,              NUC103SC3BN2, NUC103SC4BN2, NUC103SD2BN0, NUC103SD2BN1, NUC103SD3BN0,              NUC103SD4BN0, NUC103SE2BN0, NUC103SE2BN1, NUC103SE3BN0, NUC103SE4BN0,              NUC103LB2BN0, NUC103LB2BN1, NUC103LB3BN0, NUC103LB4BN0, NUC103LC2BN0,              NUC103LC2BN1, NUC103LC3BN0, NUC103LC4BN0, NUC103LC2BN2, NUC103LC2BN3,              NUC103LC3BN2, NUC103LC4BN2, NUC103LD2BN0, NUC103LD2BN1, NUC103LD3BN0,              NUC103LD4BN0, NUC103LE2BN0, NUC103LE2BN1, NUC103LE3BN0, NUC103LE4BN0,              NUC103ZB2BN0, NUC103ZB2BN1, NUC103ZB3BN0, NUC103ZB4BN0, NUC103ZC2BN0,              NUC103ZC2BN1, NUC103ZC3BN0, NUC103ZC4BN0, NUC103ZC2BN2, NUC103ZC2BN3,              NUC103ZC3BN2, NUC103ZC4BN2, NUC103ZD2BN0, NUC103ZD2BN1, NUC103ZD3BN0,              NUC103ZD4BN0, NUC103ZE2BN0, NUC103ZE2BN1, NUC103ZE3BN0, NUC103ZE4BN0,           </p>

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NUC100CN	<p>             NUC100LE3CN, NUC100LE2CN, NUC100LE1CN, NUC100LD3CN, NUC100LD2CN, NUC100LD1CN, NUC100LC3CN, NUC100LC2CN, NUC100LC1CN, NUC100RE3CN, NUC100RE2CN, NUC100RE1CN, NUC100RD3CN, NUC100RD2CN, NUC100RD1CN, NUC100RC3CN, NUC100RC2CN, NUC100RC1CN, NUC100VE3CN, NUC100VE2CN, NUC100VE1CN, NUC100VD3CN, NUC100VD2CN, NUC100VD1CN, NUC100VC3CN, NUC100VC2CN, NUC100VC1CN, NUC101LE3CN, NUC101LE2CN, NUC101LE1CN, NUC101LD3CN, NUC101LD2CN, NUC101LD1CN, NUC101LC3CN, NUC101LC2CN, NUC101LC1CN, NUC101RE3CN, NUC101RE2CN, NUC101RE1CN, NUC101RD3CN, NUC101RD2CN, NUC101RD1CN, NUC101RC3CN, NUC101RC2CN, NUC101RC1CN, NUC101VE3CN, NUC101VE2CN, NUC101VE1CN, NUC101VD3CN, NUC101VD2CN, NUC101VD1CN, NUC101VC3CN, NUC101VC2CN, NUC101VC1CN, NUC120LE3CN, NUC120LE2CN, NUC120LE1CN, NUC120LD3CN, NUC120LD2CN, NUC120LD1CN, NUC120LC3CN, NUC120LC2CN, NUC120LC1CN, NUC120RE3CN, NUC120RE2CN, NUC120RE1CN, NUC120RD3CN, NUC120RD2CN, NUC120RD1CN, NUC120RC3CN, NUC120RC2CN, NUC120RC1CN, NUC120VE3CN, NUC120VE2CN, NUC120VE1CN, NUC120VD3CN, NUC120VD2CN, NUC120VD1CN, NUC120VC3CN, NUC120VC2CN, NUC120VC1CN, NUC130LE3CN, NUC130LE2CN, NUC130LE1CN, NUC130LD3CN, NUC130LD2CN, NUC130LD1CN, NUC130LC3CN, NUC130LC2CN, NUC130LC1CN, NUC130RE3CN, NUC130RE2CN, NUC130RE1CN, NUC130RD3CN, NUC130RD2CN, NUC130RD1CN, NUC130RC3CN, NUC130RC2CN, NUC130RC1CN, NUC130VE3CN, NUC130VE2CN, NUC130VE1CN, NUC130VD3CN, NUC130VD2CN, NUC130VD1CN, NUC130VC3CN, NUC130VC2CN, NUC130VC1CN, NUC140LE3CN, NUC140LE2CN, NUC140LE1CN, NUC140LD3CN, NUC140LD2CN, NUC140LD1CN, NUC140LC3CN,           </p>



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NUC123AN	NUC123SB2AN0, NUC123SB2AN1, NUC123SB3AN0, NUC123SB4AN0, NUC123SC2AN0, NUC123SC2AN1, NUC123SC3AN0, NUC123SC4AN0, NUC123SC2AN2, NUC123SC2AN3, NUC123SC3AN2, NUC123SC4AN2, NUC123SD2AN0, NUC123SD2AN1, NUC123SD3AN0, NUC123SD4AN0, NUC123SE2AN0, NUC123SE2AN1, NUC123SE3AN0, NUC123SE4AN0, NUC123LB2AN0, NUC123LB2AN1, NUC123LB3AN0, NUC123LB4AN0, NUC123LC2AN0, NUC123LC2AN1, NUC123LC3AN0, NUC123LC4AN0, NUC123LC2AN2, NUC123LC2AN3, NUC123LC3AN2, NUC123LC4AN2, NUC123LD2AN0, NUC123LD2AN1, NUC123LD3AN0, NUC123LD4AN0, NUC123LE2AN0, NUC123LE2AN1, NUC123LE3AN0, NUC123LE4AN0, NUC123ZB2AN0, NUC123ZB2AN1, NUC123ZB3AN0, NUC123ZB4AN0, NUC123ZC2AN0, NUC123ZC2AN1, NUC123ZC3AN0, NUC123ZC4AN0, NUC123ZC2AN2, NUC123ZC2AN3, NUC123ZC3AN2, NUC123ZC4AN2, NUC123ZD2AN0, NUC123ZD2AN1, NUC123ZD3AN0, NUC123ZD4AN0, NUC123ZE2AN0, NUC123ZE2AN1, NUC123ZE3AN0, NUC123ZE4AN0
NUC123AE	NUC123SC2AE1, NUC123SD4AE0, NUC123LC2AE1, NUC123LD4AE0, NUC123ZC2AE1, NUC123ZD4AE0, NUC123LC2AP1
<b>NUC121 Series</b>	
NUC121AE	NUC121ZC2AE, NUC121LC2AE, NUC121SC2AE, NUC121WC2AE, NUC121Y25CN
NUC125AE	NUC125ZC2AE, NUC125LC2AE, NUC125SC2AE
<b>NUC126 Series</b>	
NUC126AE	NUC126LE4AE, NUC126LG4AE, NUC126SE4AE, NUC126SG4AE, NUC126VG4AE, NUC126NE4AE
NUC1261AE	NUC1261LE4AE, NUC1261LG4AE, NUC1261SE4AE, NUC1261SG4AE
<b>NUC131 Series</b>	
NUC131AE	NUC131LD2AE, NUC131LC2AE, NUC131SD2AE, NUC131SC2AE, NUC131LD2AEU, NUC131LC2AEU, NUC131SD2AEU, NUC131SC2AEU, NUC131RD2AE, NUC131RC2AE
NUC1311AE	NUC1311LD2AE
<b>NUC200 Series</b>	
NUC200/220AN	NUC200LE3AN, NUC200LE2AN, NUC200LE1AN, NUC200LD3AN, NUC200LD2AN, NUC200LD1AN, NUC200LC3AN, NUC200LC2AN, NUC200LC1AN, 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, NUC220LD1AN, NUC220LC3AN, NUC220LC2AN, NUC220LC1AN, NUC220RE3AN, NUC220RE2AN, NUC220RE1AN, NUC220RD3AN, NUC220RD2AN, NUC220RD1AN, NUC220RC3AN, NUC220RC2AN, NUC220RC1AN, NUC220VE3AN, NUC220VE2AN, NUC220VE1AN, NUC220VD3AN, NUC220VD2AN, NUC220VD1AN, NUC220VC3AN, NUC220VC2AN, NUC220VC1AN, NUC220SE3AN, NUC220SE2AN, NUC220SE1AN, NUC220SD3AN, NUC220SD2AN, NUC220SD1AN, NUC220SC3AN, NUC220SC2AN, NUC220SC1AN



NUC230/240AE	NUC230RC1AE, NUC230LC2AE, NUC230LD2AE, NUC230LE3AE, NUC230SC2AE, NUC230SD2AE, NUC230SE3AE, NUC230VE3AE, NUC240LC2AE, NUC240LD2AE, NUC240LE3AE, NUC220LE3AE, NUC240SC2AE, NUC240SD2AE, NUC240SE3AE, NUC240VE3AE,
NUC2201AE	NUC2201LE3AE, NUC2201SE3AE
<b>AU9110 Series(Audio)</b>	
AU9110	
<b>I91000 Series</b>	
I91000	I91032, I91032C, I91032T
I9160	I9120, I9130, I9140, I9160
I91200	I91260, I91260B, I91260C, I91230, I91230C
I91300	I91340, I91341, I91360, I91361
<b>N569 Series</b>	
N569	N569S250, N569S500, N569S750, N569S1K0, N569S1K5, N569S2K0, N569S3K0, N569S4K0, N569S8K0, N569SAK0, N569S251, N569S501, N569S751, N569S1K1, N569S1K6, N569S2K1, N569S3K1, N569S4K1, N569S8K1, N569SAK1, N569SCK2, N569S502, N569SAK2
<b>N570 Series</b>	
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
<b>N572 Series</b>	
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
<b>N575 Series</b>	
N575/N575S	N575F145, N575C145, N575S08A, N575S16A, N575S32A, N575S64A, N575S08B, N575S16B, N575S32B, N575S64B
<b>N576 Series</b>	
N576	N576F145, N576C145
<b>Supported devices of Nu-Link (Cortex-M4 series)</b>	
<b>M451 Series</b>	
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,

	M453RG6AE, M453RE6AE, M453LG6AE, M453LE6AE, M453VD3AE, M453VC3AE, M453RD3AE, M453RC3AE, M453SD3AE, M453SC3AE, M453LD3AE, M453LC3AE, M453YD3AE, M453YC3AE, M451MRG6AE, M451MRE6AE, M451MLG6AE, M451MLE6AE, M451MRD3AE, M451MRC3AE, M451MSD3AE, M451MSC3AE, M451MLD3AE, M451MLC3AE, M4LEDRG6AE, M4LEDRE6AE, M4LEDLG6AE, M4LEDLE6AE, M4TKVG6AE, M4TKVE6AE, M4TKRG6AE, M4TKRE6AE, M4TKLG6AE, M4TKLE6AE,
M4521AE	M4521RE6AE, M4521SE6AE, M4521LE6AE
<b>NUC400 Series</b>	
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, NUC452KI8AE, NUC452KH8AE, NUC452KG8AE, NUC452VI8AE, 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, NUC422VG8AE, NUC422RI8AE, NUC422RH8AE, NUC422RG8AE, NUC410JI8AE, NUC410JH8AE, NUC410JG8AE, NUC410KI8AE, NUC410KH8AE, NUC410KG8AE, NUC410VI8AE, NUC410VH8AE, NUC410VG8AE, NUC410RI8AE, NUC410RH8AE, NUC410RG8AE, NUC400JI8AE, NUC400JH8AE, NUC400JG8AE, NUC400KI8AE, NUC400KH8AE, NUC400KG8AE, NUC400VI8AE, NUC400VH8AE, NUC400VG8AE, NUC400RI8AE, NUC400RH8AE, NUC400RG8AE
<b>NUC505 Series</b>	
NUC505	NUC505DL13Y, NUC505DS13Y, NUC505YO13Y
<b>M479 Series</b>	
M479AE	M479SG8AEE, M479LG8AEE, M479NG8AEE
<b>M480 Series</b>	
M480AE	M481KIDAE, M481KGAAE, M481SIDAE, M481SGAAE, M481LIDAE, M481LGAAE, M481ZIDAE, M481ZGAAE, M481ZGDAE, M482JIDAE, M482JGAAE, M482KIDAE, M482KGAAE, M482VIDAE, M482VGAAE, M482SIDAE, M482SGAAE, M482SIDAE3O, M482LIDAE, M482LGAAE, M482ZIDAE, M483JIDAE, M483JGAAE, M483KIDAE, M483KGAAE, M483VIDAE, M483VGAAE, M483SIDAE, M483SGAAE, M483LIDAE, M483LGAAE, M484KIDAE, M484KGAAE, M484SIDAE, M484SGAAE, M484SIDAE2U, M484SGAAE2U, M485JIDAE, M485JGAAE, M485KIDAE, M485KGAAE, M485VIDAE, M485VGAAE, M485OIDAE, M485OGAAE, M485SIDAE, M485SGAAE, M485LIDAE, M485ZIDAE, M486JIDAE, M486KIDAE, M487JIDAE, M487JGAAE, M487KIDAE, M487KGAAE, M487SIDAE, M487SGAAE, M481SGCAE, M481SG8AE, M481SE8AE, M481SGCAE2A, M481SG8AE2A, M481LGCAE, M481LG8AE, M481LE8AE, M481ZGCAE, M481ZG8AE, M481ZE8AE, M482KGCAE, M482KG8AE, M482SGCAE, M482SG8AE, M482SE8AE, M482LGCAE, M482LG8AE, M482LE8AE, M482ZGCAE, M482ZG8AE, M482ZE8AE, M483KGCAE, M483KG8AE, M483SGCAE, M483SG8AE, M483SE8AE,

	M483KGCAE2A, M483KG8AE2A, M483SGCAE2A, M483SG8AE2A
<b>I94000 Series</b>	
I94000	I94124, I94123, I94121, I94120, I94114, I94113, I94111, I94110, I94134, I94133, I94131, I94130
<b>Supported devices of Nu-Link (Cortex-M23 series)</b>	
<b>M251 Series</b>	
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
<b>M2351 Series</b>	
M2351	M2351KIAAE, M2351SIAAE, M2351ZIAAE, M2353SIAAE
<b>M261 Series</b>	
M261	M261KIAAE, M261SIAAE, M261ZIAAE, M262KIAAE, M262SIAAE, M262ZIAAE, M263KIAAE, M263SIAAE, M263ZIAAE
<b>Supported devices of Nu-Link (8051 series)</b>	
<b>NuMicro 8051 Industry Product Line</b>	
MS51 series	MS51IA9AE, MS51BA9AE, MS51DA9AE, MS51XB9AE, MS51XB9BE, MS51FB9AE, MS51FC0AE, MS51XC0BE, MS51EC0AE, MS51TC0AE, MS51PC0AE
<b>NuMicro 8051 Low power Product Line</b>	
ML51 series	ML51BB9AE, ML51DB9AE, ML51FB9AE, ML51OB9AE, ML51XB9AE, ML51EB9AE, ML51UB9AE, ML51PB9AE, ML51TB9AE, ML51EC0AE, ML51UC0AE, ML51PC0AE, ML51TC0AE
<b>LPC 1T 8051 Product Line</b>	
N76E003 series	N76E003AT20, N76E003AS20, N76E003AQ20, N76E003BQ20, N76E003CQ20
N76E616 series	N76E616AL48, N76E616AF44, N76E616AM44
N76E885 series	N76E885AT28, N76E885AT20, N76E885AQ20, N76E885AS28
<b>LPC 4T 8051 Product Line (Nu-Link-51 Only)</b>	
N79E85J	N79E715AT28, N79E715AT20, N79E715AS28, N79E715AS20, N79E715AS16, N79E855AWG, N79E854AWG, N79E845AWG, N79E844AWG, N79E8432ASG, N79E815AT28, N79E815AT20, N79E814AT28, N79E814AT20, N79E8132AS16

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

1. Supported NUC1311, M032C/D for NuMicro M0 series.
2. 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 Nu-Link2 ICE adapter.

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

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### Cortex-M

1. Supported M480LD for NuMicro M4 series.
2. Supported NM1230 for Motor MCU.
3. Added part number NUC029KGE/NUC029TAE for NuMicro M0 series.

### C51

1. Supported ML51/MS51 for NuMicro 8051 series.
2. Added PinView plug-in.

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

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### Cortex-M

3. Supported Nu-Link2 and NuTrace.
4. Supported NUC029DE/EE/GE, NUC2201, NUC1261, NDA102, M031, NM1230 for NuMicro M0 series.
5. Supported M4521 for NuMicro M4 series.
6. Added "Nuvoton Device Family Pack" of MDK5 in the installer, you must install "Nuvoton Device Family Pack" if you are using KEIL MDK Nuvoton edition.

### C51

1. Supported Nu-Link2 and NuTrace.

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

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### Cortex-M

1. Improved download performance around 10~30%.
2. Enabled secure boot option for M480 series.

### C51

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)

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1. Supported M2351 for NuMicro M23 series.
2. Merged Nu-Link KEIL C51 driver.

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

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

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

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1. Supported NUC121, NUC125, NUC126, M0564, NM1810 and I91200 series.
2. Enable SRAM access less than 0x20000000 of general chip type.

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

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1. Supported ISD9032 for NuVoice series.
2. Updated SFR file of NM1120, NM1330, NM1820, Nano103 and N570 for register display.
3. Fixed the issue that can't find FLM path of M451 40K and N570 series.
4. Fixed the issue that can't erase SPROM.

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

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1. Supported Nano103, NM1120, NM1330, NM1820 for NuMicro M0 series.
2. Supported M4TK for NuMicro M4 series.
3. Supported N575, N576 and N570 for NuVoice series.
4. Updated SFR file of Mini58DE, M451 and NUC505 for register display.
5. Supported spin button edition of data flash.
6. Added the selection of connect type (connect normal and connect under reset).
7. Modified the behavior of option "memory verify code" in "Debug" tab. If checked and downloaded code to SRAM, it will do code verification.
8. Supported breakpoint setting and memory window periodically updating while the CPU is running.
9. Supported data and conditional breakpoint functions completely.

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

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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 Mini55LDE, Mini55ZDE for NuMicro M0 series.
5. NUC100, M051: Supported to keep previous Config0[10] value after whole chip erase.
6. Renamed NUC123BE to NUC123AE.

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

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1. Improved user interface to be resizable and scrollable.
2. Increased NUC505 download speed 3 times in 1 MHz ICE clock.
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)

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1. Supported USB Bulk mode which can improve downloading and programming speed on Win7.
2. Added part number: NUC120LD2DE.
3. Supported NUC029 for NuMicro M0 series.
4. Fixed Configure Setting dialog GUI for Nano102/112 series.

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

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1. Supported NUC505 for NuMicro M4 series.
2. Added part numbers: M4LEDRG6AE, M4LEDRE6AE, M4LEDLG6AE, M4LEDLE6AE.
3. Added part number: NUC100VE3DE.

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

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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.
2. Supported M451 for NuMicro M4 series.
3. Supported ISD9300 for ISD 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. Added data breakpoint support.
7. Renamed the part number MT530 to NM1530.

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

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1. Supported Nano112AN and AU9110 for NuMicro M0 series.
2. Added chip support table in KEIL menu: Help -> Open Books Window -> Tools User's Guide -> Nu-Link Release Notes.

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

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1. Supported M051DN, M051DE, Mini51DE, NUC100EN, NUC200AE, MT500BE for NuMicro M0 series.
2. Supported NUC442/472 for NuMicro M4 series.

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

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1. Supported M058SAN, M051DN, NANO100AN and MINI51BN series.
2. Enabled user to edit core registers R0-R14 in KEIL registers panel.
3. Added an error message to terminate the download process if image size is larger than APROM size.
4. Added the boot select options "APROM (LDROM visible)" and "LDROM (APROM visible)" for NuMicro series chips.
5. Fixed the bug that selecting NUC1xx series and BOD set to 2.7V, and entering Debug mode will cause Keil crash.

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

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1. Fixed the display of 68k and 36k flash size.
2. Updated some naming and grouping of register.
3. Updated the database in target option.

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

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1. Separated NUC123 registers from NUC1xx.
2. Enabled the DFVSEN bit in config0.
3. Modified NUC1xxDN series config dialog header.
4. Removed the clock filter option from config file.
5. Added config0 and config1 value display in NUC100AN config dialog window.



6. Supported registers display of NUC100DN/NUC200AN series.
7. Updated register contents of M051CN series.

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

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1. Supported NUC100DN, NUC123, NUC200, NANO100BN, MT500, MINI51BN and M051CN series.
2. Added "System View Description" in the driver installer.
3. Modified the number of UART in NUC100RE3AN NUC100RD3AND to 2.
4. Integrated Viewer Tool.

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

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1. Supported C51 section in TOOLS.INI.

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

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1. Supported NANO100 and MINI51 series.
2. Supported to select multiple Nu-Links.
3. Renamed "Nu-Link Debugger" to "Nuvoton Nu-Link M0 Debugger".
4. Added a debug option "Not reset".
5. Updated to not to show firmware update dialog if Nu-Link firmware is compatible.
6. Fixed bugs about error when writing M051's LDR0M.
7. Updated register definition for NUC100 CN.

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

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1. Supported M051 BN and NUC100 CN series.
2. Changed "external 12 MHz crystal clock" to "4-24 MHz".
3. Removed Simplified Chinese documents for Traditional Chinese installer.
4. Supported LED indication for USB/Target power.
5. Supported to adjust target power by Nu-Link pro.
6. Supported to debug the code around semihosting BKPT.

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

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1. Supported NUC122 series.
2. Fixed a bug to avoid Keil IDE lock in step debugging.
3. Supported semihosting command SYS\_READ.
4. Fixed a bug to drive target chip to run when connected.
5. Fixed a bug to avoid crash when stopping debug.
6. Updated NUC100 registers script.
7. Supported to check update from network.

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## Revision 1.02.3814 (Released 2010-04-20)

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1. Primary release version.

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