

Hardware & Software Developing Tool – Total Efficiency in Development, Delivery, Production & Cost

Product Line	Category	Hardware Tool			Software Tool
		ICE / Romter	Writer	FDB	
NY1 Series	LED Control & Drive IC (State Machine Architecture)	-----	FDB_Writer Q-FDB_Writer Smart_Writer	NY1_FDB	Q-Light, Q-Writer
NY2 Series	1-Ch Speech or Dual-Tone Melody Synthesizer (State Machine Architecture)	NY_Romter	FDB_Writer Q-FDB_Writer Smart_Writer	NY2_FDB	MP3-Like (OTP), Quick-IO, Q-MIDI, Q-Sound, Q-Tone, Q-Writer, Voice_Encoder
NY3 Series	1-Ch Speech Synthesizer (State Machine Architecture)	NY_Romter	FDB_Writer Q-FDB_Writer Smart_Writer	NY3_FDB NY3(B)_FDB	MP3-Like (OTP), Quick-IO, Q-Sound, Q-Speech, Q-Writer, Voice_Encoder
NY4 Series	4-bit MCU with 1-Ch Speech	NY4_ICE NY_Romter	FDB_Writer Q-FDB_Writer Smart_Writer	NY4_FDB	MP3-Like (OTP), NYASM, NYIDE, Quick-IO, Q-Code, Q-Fan, Q-Sound, Q-Speech, Q-Visio, Q-Writer, Voice_Encoder
NY5/NY5+ Series	4-bit MCU with 4-ch Speech/MIDI	NY5_ICE NY5+_ICE NY_Romter	FDB_Writer Q-FDB_Writer Smart_Writer	NY5_FDB NY5+_FDB	MP3-Like (OTP), NYASM, NYIDE, Quick-IO, Q-Code, Q-Fan, Q-Midi, Q-Sound, Q-Visio, Q-Writer, Voice_Encoder, Q-Speech(NY5+)
NY6 Series	4-bit MCU with 8-Ch Speech/MIDI	NY6_ICE NY_Romter	FDB_Writer Q-FDB_Writer Smart_Writer	NY6_FDB	MP3-Like (OTP), NYASM, NYIDE, Q-Code, Q-MIDI, Q-Sound, Q-Visio, Q-Writer, SPI_Encoder, Voice_Encoder

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NY7 Series	4-bit MCU with 8-Ch Speech/MIDI	NY7_ICE NY_Romter	FDB_Writer Q-FDB_Writer Smart_Writer	NY7_FDB	MP3-Like (OTP), NYASM, NYIDE, Q-Code, Q-MIDI, Q-Sound, Q-Visio, Q-Writer, SPI_Encoder, Voice_Encoder
NY8A/NY8B/ NY8T Series	8-bit MCU for HOME Appliance	NY8_ICE Q-Link	NY8-OTP_Writer MCU_Writer	-----	NY8 Code Converter, NYC_NY8, NYASM, NYIDE, Q-Fan, Q-Touch, Q-Writer
NY8L Series	8-bit MCU with LCD Driver, 1-ch Speech & Dual-Tone Melody	NY8L_ICE	Smart_Writer	-----	NYASM, NYIDE, NYC_NY8L, Q-LCD, Q-Writer
NY9A Series	Audio Amplifier	-----	-----	-----	-----
NY9L series	Low Power LCD Driver	-----	-----	-----	-----
NY9M Series	Motor Driver	-----	-----	-----	-----
NY9T Series	4-bit MCU with Low Stand-by Current Touch-Key and LED Controller	NY9T_ICE	FDB_Writer Q-FDB_Writer Smart_Writer	NY9T_FDB	NYIDE, NYASM, Q-Code, Q-Touch, Q-Visio, Q-Writer
NY9U Series	4-bit MCU for Universal Remote Control	NY9U_ICE	MCU_Writer	-----	NYASM, NYIDE, Q-Remote, Q-Writer

Product Line	Category	Hardware Tool			Software Tool
		ICE / Romter	Writer	FDB	
NX1 Series	32-bit MCU with Sub-Band Coding & 16-ch MIDI	NX1_ICE (OTP Series)	Smart_Writer NX_Programmer	NX1_FDB NX11FS22A_EVB NX12FS51A_EVB	MP3-Like, NYIDE, NYC_NX1, Quick-IO, Q-Audio, Q-Code, Q-MIDI, Q-Sound, Q-Visio, Q-Writer, SPI_Encoder, Voice_Encoder, Q-Recorder
N25Q Series	Serial Flash with Quad SPI	-----	Smart_Writer NX_Programmer	-----	-----