

DRIVEN BY INNOVATION

PRODUCT SELECTION GUIDE

 General MCU  Security IC  Bluetooth IC  Power IC



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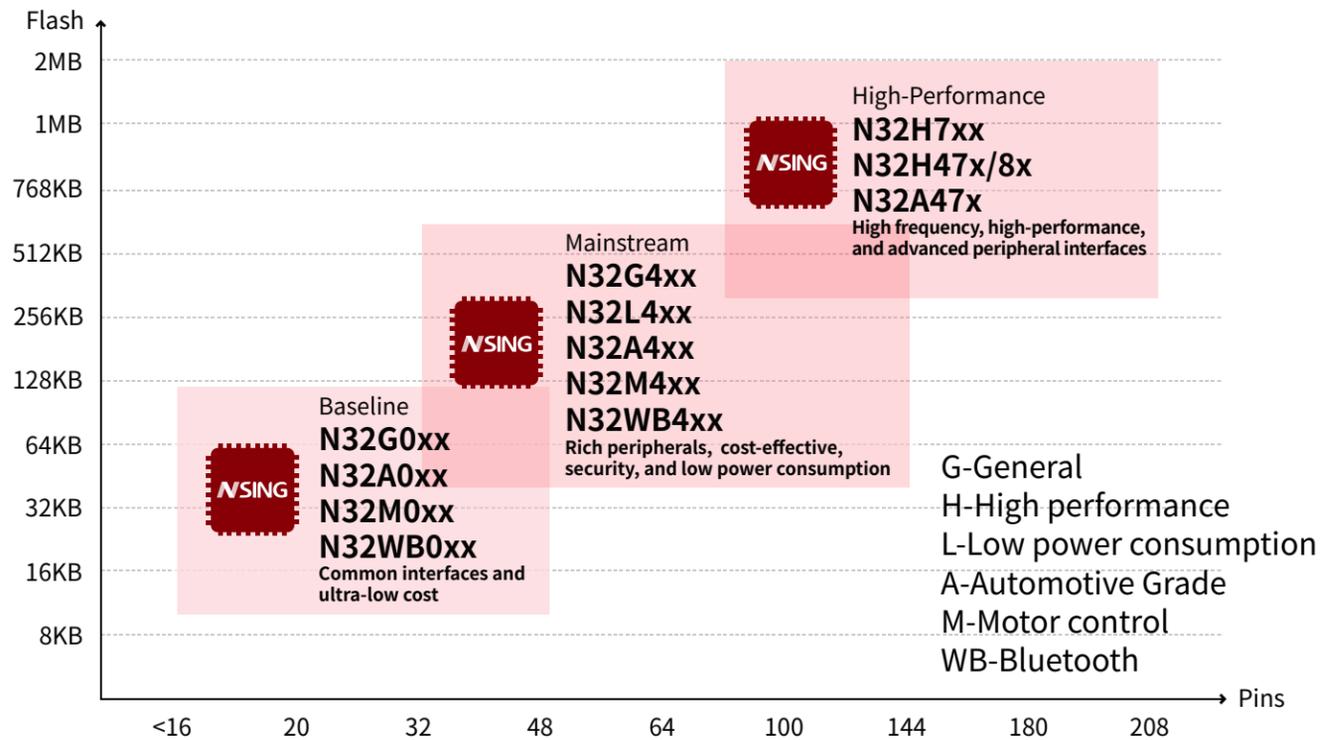
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Apr 2025

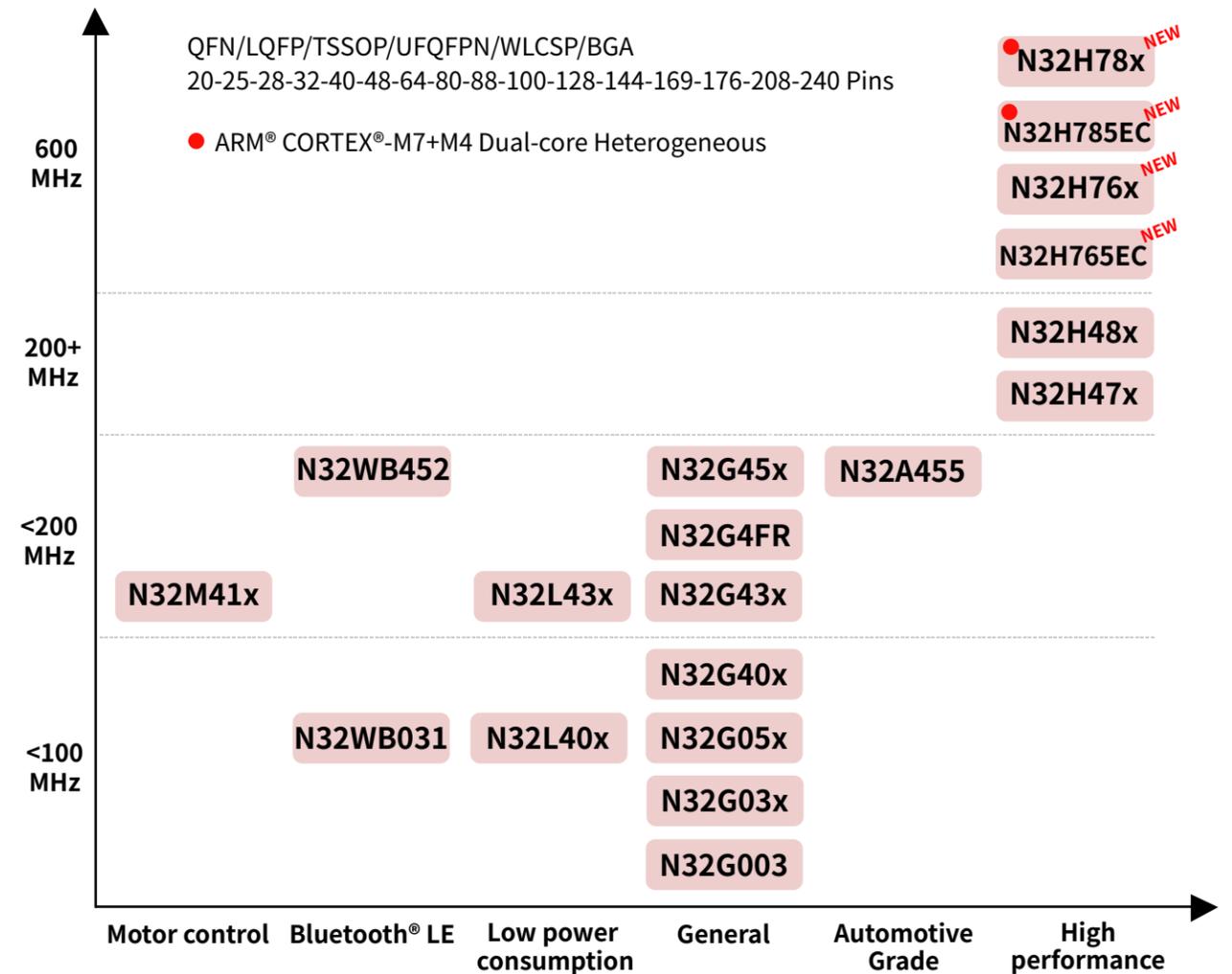
Marketing Strategy of MCU

Roadmap

Sustainable innovation, providing full-scenario, wide-coverage, high-performance, security and reliability MCUs.

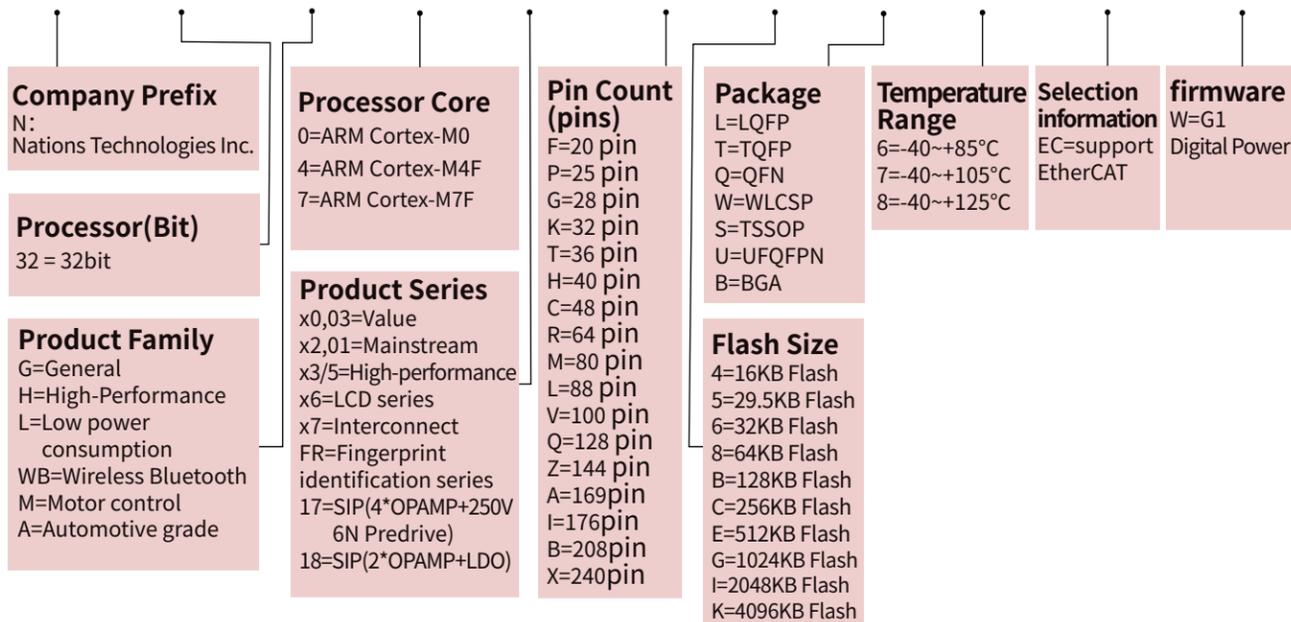


Product Matrix

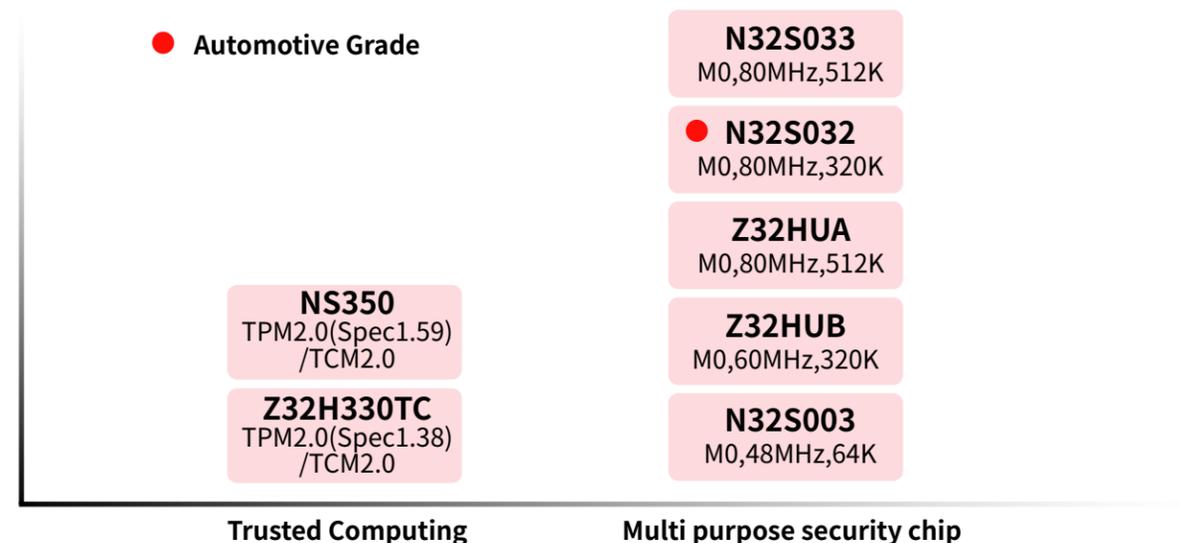


MCU Part Number Suffixes

N 32 H 7 85 X K B 7 EC -W



Security Chip Matrix



High Performance MCUs

Series	Commercial Product Code	Core	Frequency (MHz)		Flash (KB)	SRAM (KB)	I/O	Supply Voltage/ Operating Temperature	Coprocesor				Timer		Memory Expansion Interface				ADC		DAC ⁽²⁾	PGA	COMP	Connectivity								DMA/Channels	MDMA/Channels	EtherCAT		ETH 1000M	ETH 100M	Graphics Processing				Cryptographic Algorithm	Package	SPQ(PCS)	
			Main	Auxiliary					DCDC	Cor'dic	DSMU	FIMAC	Timer	RTC	SDRAM	SDMMC	XSPI	FEMC	Nb*Resolution	Channels				USART/ISOT816/LIN	UART/LIN	LPUART	SPI/FS	PC	USB HS	TT-CAN	CAN-FD			ESC	ESC			LCD	MIP1-DSI	2.5D GPU	JPEG				DVP
N32H788	N32H7881KB7	Arm® Cortex®-M7 + Arm® Cortex®-M4F	600	300	3968	9696 ⁽¹⁾	114	2.3V~3.6V/-40~+105°C	Yes	1	1	1	25 ⁽³⁾	1	-	2	1	1	3x12bit	24	6x12bit	-	4	4	4	2	5/3	5	2	4	2	3/24	1/16	-	-	-	1	1	1	1	1	1	DES/3DES_AES_SHA1/SHA224/SHA256/SHA384/SHA512_SM4_CRC8/CRC16/CRC32_TRNG	BGA176+25	-
N32H787	N32H787XIB7		600	300	1920	1504	166	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	53	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	1	1	1	2	BGA240+25	-			
	N32H787XKB7		600	300	3968	1504	166	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	53	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	1	1	1	2	BGA240+25	-			
	N32H787BIL7		600	300	1920	1504	139	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	48	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	1	1	1	2	LQFP208	-			
	N32H787BKL7		600	300	3968	1504	139	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	48	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	1	1	1	2	LQFP208	-			
	N32H787IIL7		600	300	1920	1504	112	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	36	6x12bit	-	4	6	5	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	1	1	1	2	LQFP176	-			
	N32H787IKL7		600	300	3968	1504	112	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	36	6x12bit	-	4	6	5	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	1	1	1	2	LQFP176	-			
	N32H787AIB7		600	300	1920	1504	112	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	36	6x12bit	-	4	6	5	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	1	1	1	2	BGA169	-			
	N32H787AKB7		600	300	3968	1504	112	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	36	6x12bit	-	4	6	5	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	1	1	1	2	BGA169	-			
N32H785	N32H785XIB7		600	300	1920	1504	166	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	53	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	BGA240+25	-			
	N32H785XKB7		600	300	3968	1504	166	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	53	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	BGA240+25	-			
	N32H785BIL7		600	300	1920	1504	148	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	48	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	LQFP208	-			
	N32H785BKL7		600	300	3968	1504	148	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	48	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	LQFP208	-			
	N32H785IIB7		600	300	1920	1504	126	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	38	6x12bit	-	4	7	6	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	BGA176+25	-			
	N32H785IKB7		600	300	3968	1504	126	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	38	6x12bit	-	4	7	6	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	BGA176+25	-			
N32H785EC	N32H785IIL7		600	300	1920	1504	117	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	36	6x12bit	-	4	7	6	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	LQFP176	-			
	N32H785IKL7		600	300	3968	1504	117	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	36	6x12bit	-	4	7	6	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	LQFP176	-			
	N32H785XIB7EC		600	300	1920	1504	166	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	53	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	1	1	1	1	-	1	1	2	BGA240+25	-			
	N32H785XKB7EC		600	300	3968	1504	166	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	53	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	1	1	1	1	-	1	1	2	BGA240+25	-			

Note: "-" means not support,(1)means include SDRAM, (2) Two DACs output externally, others output internally, (3) means support 100ps high-precision timer

High Performance MCUs

Series	Commercial Product Code	Core	Frequency (MHz)		Flash (KB)	SRAM (KB)	I/O	Supply Voltage/ Operating Temperature	Coprorocessor			Timer		Memory Expansion Interface				ADC		DAC ⁽²⁾	PGA	COMP	Connectivity								DMA/Channels	MDMA/Channels	Ethernet		ETH 1000M		ETH 100M		Graphics Processing				Cryptographic Algorithm	Package	SPQ(PCS)	
			Main	Auxiliary					Cor dlc	DSMU	FMAC	Timer	RTC	SDRAM	SDMMC	xSPI	FEMC	Nb*Resolution	Channels				USART/ISO7816/LIN	UART/LIN	LPUART	SPI/I ² S	I ² C	USB HS	TT-CAN	CAN-FD			ESC	ETH 1000M	ETH 100M	ETH 100M	ETH 100M	DVP	JPEG	2.5D GPU	MIP/DSI	Package				SPQ(PCS)
			25 ⁽³⁾						25 ⁽³⁾		25 ⁽³⁾		25 ⁽³⁾		25 ⁽³⁾		25 ⁽³⁾		25 ⁽³⁾				25 ⁽³⁾		25 ⁽³⁾		25 ⁽³⁾		25 ⁽³⁾				25 ⁽³⁾		25 ⁽³⁾		25 ⁽³⁾		25 ⁽³⁾		25 ⁽³⁾					
N32H765	N32H765IIB7	Arm® Cortex®-M7	600	-	1920	1504	126	2.3V~3.6V/-40~+105°C	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	38	6x12bit	-	4	7	6	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	DES/3DES, AES, SHA1, SHA224, SHA256, SHA384, SHA512, SM4, CRC8, CRC16, CRC32, TRNG	BGA176+25	-		
	N32H765IKB7		600	-	3968	1504	126		Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	38	6x12bit	-	4	7	6	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2		BGA176+25	-		
	N32H765IIL7		600	-	1920	1504	117		Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	36	6x12bit	-	4	7	6	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2		LQFP176	-		
	N32H765IKL7		600	-	3968	1504	117		Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	36	6x12bit	-	4	7	6	2	6/4	8	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2		LQFP176	-		
	N32H765ZIB7		600	-	1920	1504	97		Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	28	6x12bit	-	2	5	5	2	6/4	8	2	4	3	3/24	1/16	-	-	1	1	-	1	1	1		BGA144	-		
	N32H765ZKB7		600	-	3968	1504	97		Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	28	6x12bit	-	2	5	5	2	6/4	8	2	4	3	3/24	1/16	-	-	1	1	-	1	1	1		BGA144	-		
	N32H765ZIL7		600	-	1920	1504	97		Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	28	6x12bit	-	2	5	5	2	6/4	8	2	4	3	3/24	1/16	-	-	1	1	-	1	1	1		LQFP144	-		
	N32H765ZKL7		600	-	3968	1504	97		Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	28	6x12bit	-	2	5	5	2	6/4	8	2	4	3	3/24	1/16	-	-	1	1	-	1	1	1		LQFP144	-		
N32H765EC	N32H765IIB7EC	Arm® Cortex®-M7	600	-	1920	1504	126	2.3V~3.6V/-40~+105°C	Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	38	6x12bit	-	4	7	6	2	6/4	8	2	4	3	3/24	1/16	1	1	1	1	-	1	1	2	BGA176+25	-			
	N32H765IKB7EC		600	-	3968	1504	126		Yes	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	38	6x12bit	-	4	7	6	2	6/4	8	2	4	3	3/24	1/16	1	1	1	1	-	1	1	2	BGA176+25	-			
N32H762	N32H762XIB7	Arm® Cortex®-M7	600	-	1920	1504	166	2.3V~3.6V/-40~+105°C	No	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	53	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	BGA240+25	-			
	N32H762XKB7		600	-	3968	1504	166		No	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	53	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	BGA240+25	-			
	N32H762BIL7		600	-	1920	1504	166		No	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	53	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	LQFP208	-			
	N32H762BKL7		600	-	3968	1504	166		No	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	53	6x12bit	-	4	8	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	LQFP208	-			
	N32H762IIB7		600	-	1920	1504	138		No	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	40	6x12bit	-	4	7	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	BGA176+25	-			
	N32H762IKB7		600	-	3968	1504	138		No	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	40	6x12bit	-	4	7	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	BGA176+25	-			
	N32H762IIL7		600	-	1920	1504	138		No	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	40	6x12bit	-	4	7	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	LQFP176	-			
	N32H762IKL7		600	-	3968	1504	138		No	1	1	1	25 ⁽³⁾	1	1	2	1	1	3x12bit	40	6x12bit	-	4	7	7	2	7/4	10	2	4	4	3/24	1/16	-	1	1	1	-	1	1	2	LQFP176	-			
N32H760	N32H760ZIL7	Arm® Cortex®-M7	600	-	1920	1504	114	2.3V~3.6V/-40~+105°C	No	1	1	1	21	1	1	2	1	1	3x12bit	28	6x12bit	-	3	5	5	2	6/4	8	2	4	2	3/24	1/16	-	-	1	1	-	1	1	2	LQFP144	-			
	N32H760ZKL7		600	-	3968	1504	114		No	1	1	1	21	1	1	2	1	1	3x12bit	28	6x12bit	-	3	5	5	2	6/4	8	2	4	2	3/24	1/16	-	-	1	1	-	1	1	2	LQFP144	-			
	N32H760VIB7		600	-	1920	1504	82		No	1	1	1	21	1	1	2	1	1	3x12bit	24	6x12bit	-	2	3	5	2	5/4	8	2	4	2	3/24	1/16	-	-	1	1	-	1	1	2	BGA100	-			
	N32H760VKB7		600	-	3968	1504	82		No	1	1	1	21	1	1	2	1	1	3x12bit	24	6x12bit	-	2	3	5	2	5/4	8	2	4	2	3/24	1/16	-	-	1	1	-	1	1	2	BGA100	-			
	N32H760VIL7		600	-	1920	1504	82		No	1	1	1	21	1	1	2	1	1	3x12bit	24	6x12bit	-	2	3	5	2	5/4	8	2	4	2	3/24	1/16	-	-	1	1	-	1	1	2	LQFP100	-			
	N32H760VKL7		600	-	3968	1504	82		No	1	1	1	21	1	1	2	1	1	3x12bit	24	6x12bit	-	2	3	5	2	5/4	8	2	4	2	3/24	1/16	-	-	1	1	-	1	1	2	LQFP100	-			

Note: "-" means not support, (1) means include SDRAM, (2) Two DACs output externally, others output internally, (3) means support 100ps high-precision timer

High Performance MCU																																				
Series	Commercial Product Code	Core	Frequency(MHz)	Flash(KB)	SRAM(KB)	I/O	Supply Voltage/ Operating Temperature	Timer		PWM		High Precision PWM		ADC		DAC	PGA	COMP	Connectivity										DMA/Channels	ETH	DVP	Cryptographic Algorithm	Package	SPQ(PCS)		
								Timer	RTC	PWM	Complementary PWM	PWM	Complementary PWM	Nb* Resolution	Channels				USART1/SOT16/LIN	UART/LIN	SP1/I2S	I2C	USB FS Device	USB HS OTG	CAN-FD	xSPI	SDIO	FEMC								
N32H487	N32H487REL7	Arm® Cortex®-M4F	240	512	196	54	1.8V~3.6V/-40~+105°C	17	1	47	30	-	-	4x12bit	26	2x12bit	-	-	4	4	5/2	4	1	1	3	1	1	1	2/16	1	1	DES/3DES, AES, SHA1/SHA224/SHA256, MD5, CRC16/CRC32, TRNG	LQFP64 (10mm*10mm)	160/Tray		
	N32H487VEL7		240	512	196	85		17	1	52	30	-	-	4x12bit	26	2x12bit	-	-	4	4	6/2	4	1	1	3	1	1	1	2/16	1	1		LQFP100	90/Tray		
	N32H487ZEL7		240	512	196	118		17	1	52	30	-	-	4x12bit	42	2x12bit	-	-	4	4	6/2	4	1	1	3	1	1	1	2/16	1	1		LQFP144	60/Tray		
N32H482	N32H482REL7		240	512	196	54		1.8V~3.6V/-40~+105°C	17	1	47	30	-	-	4x12bit	42	2x12bit	-	-	4	4	5/2	4	1	1	2	1	1	1	2/16	-		-	LQFP64 (10mm*10mm)	160/Tray	
	N32H482VEL7		240	512	196	85			17	1	52	30	-	-	4x12bit	51	2x12bit	-	-	4	4	6/2	4	1	1	2	1	1	1	2/16	-		-	LQFP100	90/Tray	
	N32H482ZEL7		240	512	196	118			17	1	52	30	-	-	4x12bit	51	2x12bit	-	-	4	4	6/2	4	1	1	2	1	1	1	2/16	-		-	LQFP144	60/Tray	
N32H474	N32H474CCU8		200	256	148	42			1.8V~3.6V/-40~+125°C	18 ⁽²⁾	1	38	24	9	8	4x12bit	21	8x12bit	4	7	4	4	5/2	4	1	-	3	1 ⁽¹⁾	-	1	2/16		-	-	UQFN48	260/Tray 4000/Reel
	N32H474CEU8		200	512	196	42				18 ⁽²⁾	1	38	24	9	8	4x12bit	21	8x12bit	4	7	4	4	5/2	4	1	-	3	1 ⁽¹⁾	-	1	2/16		-	-	UQFN48	260/Tray 4000/Reel
	N32H474CCCL8		200	256	148	38				18 ⁽²⁾	1	35	22	8	8	4x12bit	20	8x12bit	4	7	4	4	5/2	4	1	-	3	1 ⁽¹⁾	-	1	2/16		-	-	LQFP48	250/Tray
	N32H474CEL8		200	512	196	38	18 ⁽²⁾			1	35	22	8	8	4x12bit	20	8x12bit	4	7	4	4	5/2	4	1	-	3	1 ⁽¹⁾	-	1	2/16	-		-	LQFP48	250/Tray	
	N32H474RCL8		200	256	148	52	18 ⁽²⁾			1	46	30	12	12	4x12bit	26	8x12bit	4	7	4	4	5/2	4	1	-	3	1	-	1	2/16	-		-	LQFP64 (10mm*10mm)	160/Tray	
	N32H474REL8		200	512	196	52	18 ⁽²⁾			1	46	30	12	12	4x12bit	26	8x12bit	4	7	4	4	5/2	4	1	-	3	1	-	1	2/16	-		-	LQFP64 (10mm*10mm)	160/Tray	
	N32H474MCL8		200	256	148	66	18 ⁽²⁾	1		49	30	12	12	4x12bit	38	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-	-		LQFP80	119/Tray		
	N32H474MEL8		200	512	196	66	18 ⁽²⁾	1		49	30	12	12	4x12bit	38	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-	-		LQFP80	119/Tray		
	N32H474VCL8		200	256	148	86	18 ⁽²⁾	1		52	30	12	12	4x12bit	45	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-	-		LQFP100	90/Tray		
	N32H474VEL8		200	512	196	86	18 ⁽²⁾	1		52	30	12	12	4x12bit	45	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-	-		LQFP100	90/Tray		
	N32H474QCL8		200	256	148	107	18 ⁽²⁾	1		52	30	12	12	4x12bit	51	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-	-		LQFP128	90/Tray		
	N32H474QEL8		200	512	196	107	18 ⁽²⁾	1		52	30	12	12	4x12bit	51	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-	-		LQFP128	90/Tray		
	N32H474		N32H474CCU7	200	256	148	42	1.8V~3.6V/-40~+105°C	18 ⁽²⁾	1	38	24	9	8	4x12bit	21	8x12bit	4	7	4	4	5/2	4	1	-	3	1 ⁽¹⁾	-	1	2/16	-		-	UQFN48	260/Tray 4000/Reel	
			N32H474CEU7	200	512	196	42		18 ⁽²⁾	1	38	24	9	8	4x12bit	21	8x12bit	4	7	4	4	5/2	4	1	-	3	1 ⁽¹⁾	-	1	2/16	-		-	UQFN48	260/Tray 4000/Reel	
			N32H474CCCL7	200	256	148	38		18 ⁽²⁾	1	35	22	8	8	4x12bit	20	8x12bit	4	7	4	4	5/2	4	1	-	3	1 ⁽¹⁾	-	1	2/16	-		-	LQFP48	250/Tray	
			N32H474CEL7	200	512	196	38		18 ⁽²⁾	1	35	22	8	8	4x12bit	20	8x12bit	4	7	4	4	5/2	4	1	-	3	1 ⁽¹⁾	-	1	2/16	-		-	LQFP48	250/Tray	
			N32H474RCL7	200	256	148	52		18 ⁽²⁾	1	46	30	12	12	4x12bit	26	8x12bit	4	7	4	4	5/2	4	1	-	3	1	-	1	2/16	-		-	LQFP64 (10mm*10mm)	160/Tray	
			N32H474REL7	200	512	196	52		18 ⁽²⁾	1	46	30	12	12	4x12bit	26	8x12bit	4	7	4	4	5/2	4	1	-	3	1	-	1	2/16	-		-	LQFP64 (10mm*10mm)	160/Tray	
			N32H474MCL7	200	256	148	66		18 ⁽²⁾	1	49	30	12	12	4x12bit	38	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-		-	LQFP80	119/Tray	
			N32H474MEL7	200	512	196	66		18 ⁽²⁾	1	49	30	12	12	4x12bit	38	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-		-	LQFP80	119/Tray	
			N32H474VCL7	200	256	148	86		18 ⁽²⁾	1	52	30	12	12	4x12bit	45	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-		-	LQFP100	90/Tray	
			N32H474VEL7	200	512	196	86		18 ⁽²⁾	1	52	30	12	12	4x12bit	45	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-		-	LQFP100	90/Tray	
		N32H474QCL7	200	256	148	107	18 ⁽²⁾		1	52	30	12	12	4x12bit	51	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-	-	LQFP128	90/Tray			
		N32H474QEL7	200	512	196	107	18 ⁽²⁾		1	52	30	12	12	4x12bit	51	8x12bit	4	7	4	4	6/2	4	1	-	3	1	-	1	2/16	-	-	LQFP128	90/Tray			

Note: “-” means not support , (1) means xSPI Only supports 4-wire, (2) means N32H474 supports 125ps high-precision timer

High Performance MCU

Series	Commercial Product Code	Core	Frequency(MHz)	Flash(KB)	SRAM(KB)	I/O	Supply Voltage/ Operating Temperature	Timer		PWM		High Precision PWM		ADC		DAC	PGA	COMP	Connectivity								DMA/Channels	ETH	DVP	Cryptographic Algorithm	Package	SPQ(PCS)		
								Timer	RTC	PWM	Complementary PWM	PWM	Complementary PWM	Nb * Resolution	Channels				USART/ISO7816/LIN	UART/LIN	SPI/I ² S	I ² C	USB FS Device	USB HS OTG	CAN-FD	xSPI							SDIO	FEMC
N32H473	N32H473KCU8	Arm® Cortex®-M4F	200	256	148	26	1.8V~3.6V/-40~+125°C	17	1	25	16	-	-	4x12bit	13	8x12bit	4	7	4	4	4/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-	DES/3DES, AES, SHA1, SHA224, SHA256, MD5, CRC16, CRC32, TRNG	UQFN32 (5mm*5mm)	490/Tray
	N32H473KEU8		200	512	196	26		17	1	25	16	-	-	4x12bit	13	8x12bit	4	7	4	4	4/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-		UQFN32 (5mm*5mm)	490/Tray
	N32H473CCU8		200	256	148	42		17	1	38	24	-	-	4x12bit	21	8x12bit	4	7	4	4	5/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-		UQFN48	260/Tray 4000/Reel
	N32H473CEU8		200	512	196	42		17	1	38	24	-	-	4x12bit	21	8x12bit	4	7	4	4	5/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-		UQFN48	260/Tray 4000/Reel
	N32H473CCCL8		200	256	148	37		17	1	35	22	-	-	4x12bit	20	8x12bit	4	7	4	4	5/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-		LQFP48	250/Tray
	N32H473CEL8		200	512	196	37		17	1	35	22	-	-	4x12bit	20	8x12bit	4	7	4	4	5/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-		LQFP48	250/Tray
	N32H473RCL8		200	256	148	52		17	1	46	30	-	-	4x12bit	26	8x12bit	4	7	4	4	5/2	4	1	-	2	1	-	1	2/16	-	-		LQFP64 (10mm*10mm)	160/Tray
	N32H473REL8		200	512	196	52		17	1	46	30	-	-	4x12bit	26	8x12bit	4	7	4	4	5/2	4	1	-	2	1	-	1	2/16	-	-		LQFP64 (10mm*10mm)	160/Tray
	N32H473MCL8		200	256	148	66		17	1	49	30	-	-	4x12bit	38	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-		LQFP80	119/Tray
	N32H473MEL8		200	512	196	66		17	1	49	30	-	-	4x12bit	38	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-		LQFP80	119/Tray
	N32H473VCL8		200	256	148	86		17	1	52	30	-	-	4x12bit	45	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-		LQFP100	90/Tray
	N32H473VEL8		200	512	196	86		17	1	52	30	-	-	4x12bit	45	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-		LQFP100	90/Tray
	N32H473QCL8		200	256	148	107		17	1	52	30	-	-	4x12bit	51	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-		LQFP128	90/Tray
	N32H473QEL8		200	512	196	107		17	1	52	30	-	-	4x12bit	51	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-		LQFP128	90/Tray
	N32H473KCU7		200	256	148	26	17	1	25	16	-	-	4x12bit	13	8x12bit	4	7	4	4	4/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-	UQFN32 (5mm*5mm)		490/Tray	
	N32H473KEU7		200	512	196	26	17	1	25	16	-	-	4x12bit	13	8x12bit	4	7	4	4	4/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-	UQFN32 (5mm*5mm)		490/Tray	
	N32H473CCU7		200	256	148	42	17	1	38	24	-	-	4x12bit	21	8x12bit	4	7	4	4	5/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-	UQFN48		260/Tray 4000/Reel	
	N32H473CEU7		200	512	196	42	17	1	38	24	-	-	4x12bit	21	8x12bit	4	7	4	4	5/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-	UQFN48		260/Tray 4000/Reel	
	N32H473CCCL7		200	256	148	37	17	1	35	22	-	-	4x12bit	20	8x12bit	4	7	4	4	5/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-	LQFP48		250/Tray	
	N32H473CEL7		200	512	196	37	17	1	35	22	-	-	4x12bit	20	8x12bit	4	7	4	4	5/2	4	1	-	2	1 ⁽¹⁾	-	1	2/16	-	-	LQFP48		250/Tray	
	N32H473RCL7		200	256	148	52	17	1	46	30	-	-	4x12bit	26	8x12bit	4	7	4	4	5/2	4	1	-	2	1	-	1	2/16	-	-	LQFP64 (10mm*10mm)		160/Tray	
	N32H473REL7		200	512	196	52	17	1	46	30	-	-	4x12bit	26	8x12bit	4	7	4	4	5/2	4	1	-	2	1	-	1	2/16	-	-	LQFP64 (10mm*10mm)		160/Tray	
	N32H473MCL7		200	256	148	66	17	1	49	30	-	-	4x12bit	38	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-	LQFP80		119/Tray	
	N32H473MEL7		200	512	196	66	17	1	49	30	-	-	4x12bit	38	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-	LQFP80		119/Tray	
	N32H473VCL7		200	256	148	86	17	1	52	30	-	-	4x12bit	45	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-	LQFP100		90/Tray	
	N32H473VEL7		200	512	196	86	17	1	52	30	-	-	4x12bit	45	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-	LQFP100		90/Tray	
	N32H473QCL7		200	256	148	107	17	1	52	30	-	-	4x12bit	51	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-	LQFP128		90/Tray	
	N32H473QEL7		200	512	196	107	17	1	52	30	-	-	4x12bit	51	8x12bit	4	7	4	4	6/2	4	1	-	2	1	-	1	2/16	-	-	LQFP128		90/Tray	

Note: “-” means not support , (1) means xSPI Only supports 4-wire

Automotive-Grade MCUs

Series	Commercial Product Code	Core	Frequency(MHz)	Flash(KB)	SRAM(KB)	I/O	Supply Voltage/ Operating Temperature	Timer		PWM		ADC		DAC	OPAMP	COMP	LPRCNT	BEEPER	Connectivity										Cryptographic Algorithm	Package	SPQ(PCS)			
								Timer	RTC	PWM	Complementary PWM	No* Resolution	Channels						USART/ISO7816/LIN	UART/LIN	LPUART	SP/I ² S	QSPI	I ² C	USB Device	CAN	SDIO	DMA/Channels				SEGMENT LCD	ETH	DVP
N32A455	N32A455CEL8	Arm® Cortex®-M4F	72	512	144	37	1.8V~3.6V/ -40~+125°C	8	1	23	6	4x12bit	16	2x12bit	4	5	-	-	3	3	-	3/2	1 ⁽¹⁾	3	-	2	-	2/16	-	-	-	DES/3DES/AES, SHA1/SHA224/SHA256, MD5, CRC16/CRC32, TNNG	LQFP48 7mmx7mm	250/Tray
	N32A455REL8		72	512	144	51		8	1	24	12	4x12bit	22	2x12bit	4	7	-	-	3	4	-	3/2	1	4	-	2	1	2/16	-	-	-	LQFP64 10mmx10mm	160/Tray	
	N32A455VEL8		72	512	144	80		8	1	24	12	4x12bit	38	2x12bit	4	7	-	-	3	4	-	3/2	1	4	-	2	1	2/16	-	-	-	LQFP100 14mmx14mm	90/Tray	
	N32A455CEL7		144	512	144	37	1.8V~3.6V/ -40~+105°C	8	1	23	6	4x12bit	16	2x12bit	4	5	-	-	3	3	-	3/2	1 ⁽¹⁾	3	-	2	-	2/16	-	-	-	LQFP48 7mmx7mm	250/Tray	
	N32A455REL7		144	512	144	51		8	1	24	12	4x12bit	22	2x12bit	4	7	-	-	3	4	-	3/2	1	4	-	2	1	2/16	-	-	-	LQFP64 10mmx10mm	160/Tray	
	N32A455VEL7		144	512	144	80		8	1	24	12	4x12bit	38	2x12bit	4	7	-	-	3	4	-	3/2	1	4	-	2	1	2/16	-	-	-	LQFP100 14mmx14mm	90/Tray	

Note: "-" means not support , (1) means only single wire

General MCUs

Series	Commercial Product Code	Core	Frequency(MHz)	Flash(KB)	SRAM(KB)	I/O	Supply Voltage/ Operating Temperature	Timer		PWM		ADC		DAC	OPAMP	COMP	LPRCNT	BEEPER	Connectivity								DMA/Channels	SEGMENT LCD	ETH	DVP	Cryptographic Algorithm	Package	SPQ(PCS)	
								Timer	RTC	PWM	Complementary PWM	Nb * Resolution	Channels						USART/ISOT816/LIN	UART/LIN	LPUART	SPI/I ² S	QSPI	I ² C	USB Device	CAN								SDIO
N32G457	N32G457REL7	Arm® Cortex®-M4F	144	512	144	51	1.8V~3.6V/-40~+105°C	8	1	24	12	4x12bit	22	2x12bit	4	7	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	1	1	DES/3DES, AES, SHA1/SHA224/SHA256, MD5, CRC16/CRC32, TRNG	LQFP64 (10mmx10mm)	160/Tray
	N32G457VEL7		144	512	144	80		8	1	24	12	4x12bit	38	2x12bit	4	7	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	1	1		LQFP100	90/Tray
	N32G457QEL7		144	512	144	97		8	1	24	12	4x12bit	40	2x12bit	4	7	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	1	1		LQFP128	90/Tray
N32G455	N32G455CBL7		144	128	80	37		8	1	23	6	4x12bit	16	2x12bit	4	5	-	-	3	3	-	3/2	1 ⁽¹⁾	3	1	2	-	2/16	-	-	-		LQFP48	250/Tray
	N32G455CCL7		144	256	144	37		8	1	23	6	4x12bit	16	2x12bit	4	5	-	-	3	3	-	3/2	1 ⁽¹⁾	3	1	2	-	2/16	-	-	-		LQFP48	250/Tray
	N32G455CEQ7		144	512	144	42		8	1	23	6	4x12bit	16	2x12bit	4	7	-	-	3	4	-	3/2	1	3	-	2	1	2/16	-	-	-		QFN48	490/Tray
	N32G455CEL7		144	512	144	37		8	1	23	6	4x12bit	16	2x12bit	4	7	-	-	3	4	-	3/2	1	3	-	2	1	2/16	-	-	-		LQFP48	250/Tray
	N32G455RCL7		144	256	144	51		8	1	24	12	4x12bit	22	2x12bit	4	7	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP64 (10mmx10mm)	160/Tray
	N32G455REL7		144	512	144	51		8	1	24	12	4x12bit	22	2x12bit	4	7	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP64 (10mmx10mm)	160/Tray
	N32G455MCL7		144	256	144	65		8	1	24	12	4x12bit	33	2x12bit	4	7	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP80	119/Tray
	N32G455VCL7		144	256	144	80		8	1	24	12	4x12bit	38	2x12bit	4	7	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP100	90/Tray
	N32G455VEL7		144	512	144	80		8	1	24	12	4x12bit	38	2x12bit	4	7	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP100	90/Tray
N32G452	N32G452CBL7		144	128	80	37		8	1	23	6	2x12bit	10	2x12bit	-	-	-	-	3	3	-	3/2	1 ⁽¹⁾	3	1	2	-	2/16	-	-	-		LQFP48	250/Tray
	N32G452CCL7		144	256	144	37		8	1	23	6	2x12bit	10	2x12bit	-	-	-	-	3	3	-	3/2	1 ⁽¹⁾	3	1	2	-	2/16	-	-	-		LQFP48	250/Tray
	N32G452CEL7		144	512	144	37		8	1	23	6	2x12bit	10	2x12bit	-	-	-	-	3	3	-	3/2	1 ⁽¹⁾	3	1	2	-	2/16	-	-	-		LQFP48	250/Tray
	N32G452RBL7		144	128	80	51		8	1	24	12	2x12bit	16	2x12bit	-	-	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP64 (10mmx10mm)	160/Tray
	N32G452RCL7		144	256	144	51		8	1	24	12	2x12bit	16	2x12bit	-	-	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP64 (10mmx10mm)	160/Tray
	N32G452REL7		144	512	144	51		8	1	24	12	2x12bit	16	2x12bit	-	-	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP64 (10mmx10mm)	160/Tray
	N32G452VCL7		144	256	144	80		8	1	24	12	2x12bit	16	2x12bit	-	-	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP100	90/Tray
	N32G452VEL7		144	512	144	80		8	1	24	12	2x12bit	16	2x12bit	-	-	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP100	90/Tray
	N32G452QCL7		144	256	144	97		8	1	24	12	2x12bit	18	2x12bit	-	-	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP128	90/Tray
	N32G452QEL7		144	512	144	97		8	1	24	12	2x12bit	18	2x12bit	-	-	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP128	90/Tray
N32G451	N32G451CCL7		144	256	96	37		8	1	23	6	3x12bit	13	2x12bit	-	-	-	-	3	3	-	3/2	-	3	1	1	-	2/16	-	-	-		LQFP48	250/Tray
	N32G451CEL7		144	512	96	37		8	1	23	6	3x12bit	13	2x12bit	-	-	-	-	3	3	-	3/2	-	3	1	1	-	2/16	-	-	-		LQFP48	250/Tray
	N32G451RBL7		144	128	48	51		8	1	24	12	3x12bit	19	2x12bit	-	-	-	-	3	4	-	3/2	-	4	1	1	1	2/16	-	-	-		LQFP64 (10mmx10mm)	160/Tray
	N32G451RCL7		144	256	96	51		8	1	24	12	3x12bit	19	2x12bit	-	-	-	-	3	4	-	3/2	-	4	1	1	1	2/16	-	-	-		LQFP64 (10mmx10mm)	160/Tray
	N32G451REL7		144	512	96	51		8	1	24	12	3x12bit	19	2x12bit	-	-	-	-	3	4	-	3/2	-	4	1	1	1	2/16	-	-	-		LQFP64 (10mmx10mm)	160/Tray
	N32G451VCL7		144	256	96	80		8	1	24	12	3x12bit	31	2x12bit	-	-	-	-	3	4	-	3/2	-	4	1	1	1	2/16	-	-	-		LQFP100	90/Tray
	N32G451VEL7		144	512	96	80		8	1	24	12	3x12bit	31	2x12bit	-	-	-	-	3	4	-	3/2	-	4	1	1	1	2/16	-	-	-		LQFP100	90/Tray

Note: "-" means not support , (1) means only single wire

General MCUs

Series	Commercial Product Code	Core	Frequency(MHz)	Flash(KB)	SRAM(KB)	I/O	Supply Voltage/ Operating Temperature	Timer		PWM		ADC		DAC	OPAMP	COMP	LPRCNT	BEEPER	Connectivity										DMA/Channels	SEGMENT LCD	ETH	DVP	Cryptographic Algorithm	Package	SPQ(PCS)
								Timer	RTC	PWM	Complementary PWM	Nb* Resolution	Channels						USART/ISO7816/LIN	UART/LIN	LPUART	SPI*/FS	QSPI	I2C	USB Device	CAN	SDIO								
																												3							
N32G4FR	N32G4FRKEQ7	Arm® Cortex®-M4F	144	512	144	24	1.8V~3.6V/-40~+105°C	8	1	10	6	2x12bit	7	2x12bit	-	-	-	-	1	3	-	2/1	1	3	1	1	-	2/16	-	-	-	DES/3DES, AES, SHA1/SHA224/SHA256, MD5, CRC16/CRC32, TRNG	QFN32	490/Tray	
	N32G4FRHEQ7		144	512	144	32		8	1	12	6	2x12bit	11	2x12bit	-	-	-	-	2	4	-	3/2	1	4	1	2	-	2/16	-	-	1		QFN40	490/Tray	
	N32G4FRREL7		144	512	144	51		8	1	24	12	2x12bit	16	2x12bit	-	-	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP64 (10mmx10mm)	160/Tray	
	N32G4FRMEL7		144	512	144	65		8	1	24	12	2x12bit	16	2x12bit	-	-	-	-	3	4	-	3/2	1	4	1	2	1	2/16	-	-	-		LQFP80	119/Tray	
N32G435	N32G435GBQ7		108	128	32	24		10	1	16	6	1x12bit	10	1x12bit	2	2	-	-	2	2	1	1/1	-	2	-	-	-	1/8	-	-	-		QFN28	490/Tray	
	N32G435KBL7		108	128	32	26		10	1	17	6	1x12bit	10	1x12bit	2	2	-	-	2	2	1	2/2	-	2	1	1	-	1/8	-	-	-		LQFP32	250/Tray	
	N32G435CBL7		108	128	32	38		10	1	24	6	1x12bit	10	1x12bit	2	2	-	-	3	2	1	2/2	-	2	1	1	-	1/8	-	-	-		LQFP48	250/Tray	
	N32G435RBL7		108	128	32	52		10	1	28	12	1x12bit	16	1x12bit	2	2	-	-	3	2	1	2/2	-	2	1	1	-	1/8	-	-	-		LQFP64 10mmx10mm	160/Tray	
	N32G435RBL7-1		108	128	32	52		10	1	28	12	1x12bit	16	1x12bit	2	2	-	-	3	2	1	2/2	-	2	1	1	-	1/8	-	-	-		LQFP64 7mmx7mm	250/Tray	
N32G432	N32G432KBL7		108	128	32	26		10	1	17	6	1x12bit	10	1x12bit	-	-	-	-	2	2	1	2/2	-	2	1	1	-	1/8	-	-	-		LQFP32	250/Tray	
	N32G432CBL7		108	128	32	38		10	1	24	6	1x12bit	10	1x12bit	-	-	-	-	3	2	1	2/2	-	2	1	1	-	1/8	-	-	-		LQFP48	250/Tray	

Note: “-” means not support

General MCUs

Series	Commercial Product Code	Core	Frequency/(MHz)	Flash(KB)	SRAM(KB)	I/O	Supply Voltage/ Operating Temperature	Timer		PWM		ADC		DAC	OPAMP	COMP	LPRCNT	BEEPER	Connectivity								DMA/channels	SEGMENT LCD	ETH	DVP	Cryptographic Algorithm	Package	SPQ(PCS)		
								Timer	RTC	PWM	Complementary PWM	Nb* Resolution	Channels						USART/ISO7816/LIN	UART/LIN	LPUART	SP/I ² S	QSPI	I ² C	USB Device	CAN								SDIO	
N32G430	N32G430F8Q7	Arm® Cortex®-M4F	128	64	16	16	2.4V~3.6V/-40~+105°C	8	1*	11	10	1x12bit	7	-	-	3	-	1	2*	1	-	2/2	-	2	-	1	-	1/8	-	-	-	UQFN20	490/Tray		
	N32G430G8Q7		128	64	16	24		8	1*	19	14	1x12bit	10	-	-	3	-	1	2*	2	-	2/2	-	2	-	1	-	1/8	-	-	-	QFN28	490/Tray		
	N32G430K8Q7		128	64	16	26		8	1*	20	14	1x12bit	10	-	-	3	-	1	2	2	-	2/2	-	2	-	1	-	1/8	-	-	-	QFN32	490/Tray		
	N32G430C8Q7		128	64	16	40		8	1	24	14	1x12bit	16	-	-	3	-	1	2	2	-	2/2	-	2	-	1	-	1/8	-	-	-	QFN48	490/Tray		
	N32G430F8S7		128	64	16	16		8	1*	11	10	1x12bit	9	-	-	3	-	1	2*	1	-	2/2	-	2	-	1	-	1/8	-	-	-	TSSOP20	70/Tube		
	N32G430F8S7-1		128	64	16	16		8	1*	11	10	1x12bit	9	-	-	3	-	1	2*	1	-	2/2	-	2	-	1	-	1/8	-	-	-	TSSOP20	70/Tube		
	N32G430K8L7		128	64	16	26		8	1*	20	14	1x12bit	10	-	-	3	-	1	2	2	-	2/2	-	2	-	1	-	1/8	-	-	-	LQFP32	250/Tray		
	N32G430C8L7		128	64	16	40		8	1	24	14	1x12bit	16	-	-	3	-	1	2	2	-	2/2	-	2	-	1	-	1/8	-	-	-	LQFP48	250/Tray		
N32G401	N32G401F8Q7		Arm® Cortex®-M4F	72	64	8		16	2.4V~3.6V/-40~+105°C	8	1	11	10	1x12bit	7	-	-	3	-	1	2	1	-	2/2	-	2	-	-	-	1/8	-	-	-	UQFN20	490/Tray
	N32G401G8Q7			72	64	8		24		8	1	19	14	1x12bit	10	-	-	3	-	1	2	2	-	2/2	-	2	-	-	-	1/8	-	-	-	QFN28	490/Tray
	N32G401K8Q7			72	64	8		26		8	1	20	14	1x12bit	10	-	-	3	-	1	2	2	-	2/2	-	2	-	-	-	1/8	-	-	-	QFN32	490/Tray
	N32G401K8Q7-1			72	64	8		28		8	1	20	14	1x12bit	11	-	-	3	-	1	2	2	-	2/2	-	2	-	-	-	1/8	-	-	-	QFN32 (5mmx5mm)	490/Tray
	N32G401K8Q7-2			72	64	16		28		8	1	22	12	1x12bit	14	-	-	3	-	1	2	2	-	2/2	-	2	-	-	-	1/8	-	-	-	QFN32 (4mmx4mm)	490/Tray
	N32G401C8Q7			72	64	8		40		8	1	24	14	1x12bit	16	-	-	3	-	1	2	2	-	2/2	-	2	-	-	-	1/8	-	-	-	QFN48	490/Tray
	N32G401F8S7-1			72	64	8		16		8	1	11	10	1x12bit	9	-	-	-	-	1	2	1	-	2/2	-	2	-	-	-	1/8	-	-	-	TSSOP20	70/Tube
	N32G401K8L7			72	64	8		26		8	1	20	14	1x12bit	10	-	-	3	-	1	2	2	-	2/2	-	2	-	-	-	1/8	-	-	-	LQFP32	250/Tray
	N32G401C8L7	72		64	8	40	8	1		24	14	1x12bit	16	-	-	3	-	1	2	2	-	2/2	-	2	-	-	-	1/8	-	-	-	LQFP48	250/Tray		

Note:

1. "-" means not support
2. "*" Means that not all functional pins are led out. For details, please see the pin reuse definition in the data sheet.
3. The Pin2/Pin3 of N32G430F8S7 are OSC_IN/OSC_OUT; The Pin2/Pin3 of N32D430F8S7-1 are OSC32_IN/OSC32_OUT.

General MCUs

Series	Commercial Product Code	Core	Frequency(MHz)	Flash(KB)	SRAM(KB)	I/O	Supply Voltage/ Operating Temperature	Timer		PWM		ADC		DAC	OPAMP	COMP	LPRCNT	BEEPER	Connectivity								DMA/Channels	SEGMENT LCD	ETH	DVP	Cryptographic Algorithm	Package	SPQ(PCS)					
								Timer	RTC	PWM	Complementary PWM	Nb* Resolution	Channels						USART/ISOT816/LIN	UART/LIN	LPUART	SPI/I ² S	QSPI	I ² C	USB Device	CAN								SDIO				
																																			2	1	2	1
N32G052	N32G052KBQ7	Arm® Cortex®-M0	64	128+8	16	29	2.0V~5.5V/ -40~+105°C	6	1	38	4	1x12bit	8	1x12bit	-	3	-	1	-	5	-	3/0	-	2	-	1	-	1/5	4x11/ 2x13	-	-	CRC16	QFN32 (5mmx5mm)	Tray:490/Tray Tape:2500/Reel				
	N32G052SBL7A		64	128+8	16	41		6	1	38	4	1x12bit	15	1x12bit	-	4	-	1	-	5	-	3/0	-	2	-	1	-	1/5	3x27	-	-		LQFP44 (10mmx10mm, pinouts 2)	160/Tray				
	N32G052CBL7		64	128+8	16	45		6	1	38	4	1x12bit	12	1x12bit	-	4	-	1	-	5	-	3/0	-	2	-	1	-	1/5	8x22/ 4x26/ 3x27	-	-		LQFP48 (7mmx7mm)	250/Tray				
	N32G052RBL7		64	128+8	16	61		6	1	50	4	1x12bit	15	1x12bit	-	4	-	1	-	5	-	3/0	-	2	-	1	-	1/5	8x32/ 4x36/ 3x37	-	-		LQFP64 (14mmx14mm)	9/Tray				
	N32G052RBL7B		64	128+8	16	61		6	1	50	4	1x12bit	15	1x12bit	-	4	-	1	-	5	-	3/0	-	2	-	1	-	1/5	8x32/ 4x36/ 3x37	-	-		LQFP64 (10mmx10mm)	160/Tray				
	N32G052RBL7C		64	128+8	16	61		6	1	50	4	1x12bit	15	1x12bit	-	4	-	1	-	5	-	3/0	-	2	-	1	-	1/5	8x32/ 4x36/ 3x37	-	-		LQFP64 (7mmx7mm)	250/Tray				
N32G032	N32G032F6S7		Arm® Cortex®-M0	48	32	8	16	1.8V~5.5V/-40~+105°C	6	1	11	3	1x12bit	9	-	1	3	-	1	2	1	2	1/1	-	2	-	1	-	1/8	-	-	-	AES, CRC16/CRC32, TRNG	TSSOP20	70/Tube			
	N32G032F8S7			48	64	16	16		6	1	11	3	1x12bit	9	-	1	3	-	1	2	1	2	1/1	-	2	-	1	-	1/8	-	-	-		TSSOP20	70/Tube			
	N32G032P8W7			48	64	16	21		6	1	15	3	1x12bit	10	-	1	3	-	2	2	2	2	2/1	-	2	-	1	-	1/8	-	-	-		WL CSP25	3000/Reel			
	N32G032K6L7			48	32	8	26		6	1	17	6	1x12bit	10	-	1	3	-	2	2	2	2	3/2	-	2	-	1	-	1/8	-	-	-		LQFP32	250/Tray			
	N32G032K8L7			48	64	16	26		6	1	17	6	1x12bit	10	-	1	3	-	2	2	2	2	3/2	-	2	-	1	-	1/8	-	-	-		LQFP32	250/Tray			
	N32G032C8L7			48	64	16	40		6	1	17	6	1x12bit	10	-	1	3	-	2	2	2	2	3/1	-	2	-	1	-	1/8	-	-	-		LQFP48	250/Tray			
	N32G032R8L7			48	64	16	56		6	1	17	6	1x12bit	16	-	1	3	-	2	2	2	2	3/1	-	2	-	1	-	1/8	-	-	-		LQFP64 (10mmx10mm)	160/Tray			
N32G031x8	N32G031F8U7			Arm® Cortex®-M0	48	64	8	16	1.8V~5.5V/-40~+105°C	5	1	11	3	1x12bit	7	-	1	1	-	2	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-	CRC16/CRC32	UFQFPN20	Tray:624/Tray Tape:490/Tray Tape:5000/Reel		
	N32G031F8S7				48	64	8	16		5	1	11	3	1x12bit	9	-	1	1	-	1	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		TSSOP20	70/Tube		
	N32G031K8Q7				48	64	8	28		5	1	14	6	1x12bit	10	-	1	1	-	2	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		QFN32 (5mmx5mm)	490/Tray		
	N32G031K8Q7-1				48	64	8	28		5	1	14	6	1x12bit	10	-	1	1	-	2	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		QFN32 (4mmx4mm)	490/Tray		
	N32G031K8L7				48	64	8	26		5	1	14	6	1x12bit	10	-	1	1	-	2	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		LQFP32	250/Tray		
	N32G031C8L7				48	64	8	40		5	1	14	6	1x12bit	12	-	1	1	-	2	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		LQFP48	250/Tray		
N32G031x6	N32G031F6U7				Arm® Cortex®-M0	48	32	8	16	1.8V~5.5V/-40~+105°C	5	1	11	3	1x12bit	7	-	1	1	-	2	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-	CRC16/CRC32	UFQFPN20	Tray:624/Tray Tape:490/Tray Tape:5000/Reel	
	N32G031F6S7					48	32	8	16		5	1	11	3	1x12bit	9	-	1	1	-	1	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		TSSOP20	70/Tube	
	N32G031K6Q7					48	32	8	28		5	1	14	6	1x12bit	10	-	1	1	-	2	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		QFN32 (5mmx5mm)	490/Tray	
	N32G031K6Q7-1					48	32	8	28		5	1	14	6	1x12bit	10	-	1	1	-	2	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		QFN32 (4mmx4mm)	490/Tray	
	N32G031K6L7					48	32	8	26		5	1	14	6	1x12bit	10	-	1	1	-	2	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		LQFP32	250/Tray	
N32G030	N32G030F6S7					Arm® Cortex®-M0	48	32	8	16	1.8V~5.5V/-40~+105°C	5	1	11	3	1x12bit	9	-	1	1	-	1	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-	CRC16/CRC32	TSSOP20	70/Tube
	N32G030F8S7						48	64	8	16		5	1	11	3	1x12bit	9	-	1	1	-	1	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		TSSOP20	70/Tube
	N32G030K6Q7						48	32	8	28		5	1	14	6	1x12bit	10	-	1	1	-	1	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		QFN32 (5mmx5mm)	490/Tray
	N32G030K8Q7						48	64	8	28		5	1	14	6	1x12bit	10	-	1	1	-	1	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-		QFN32 (4mmx4mm)	490/Tray
	N32G030K6L7	48					32	8	26	5		1	14	6	1x12bit	10	-	1	1	-	1	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-	LQFP32		250/Tray	
	N32G030K8L7	48					64	8	26	5		1	14	6	1x12bit	10	-	1	1	-	1	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-	LQFP32		250/Tray	
	N32G030C8L7	48					64	8	40	5		1	14	6	1x12bit	12	-	1	1	-	1	2	-	1	2/1	-	2	-	-	-	1/5	-	-	-	LQFP48		250/Tray	

Note: “-” means not support

General MCUs

Series	Commercial Product Code	Core	Frequency (MHz)	Flash (KB)	SRAM (KB)	I/O	Supply Voltage/ Operating Temperature	Timer		PWM		ADC		DAC	OPAMP	COMP	LPRCNT	BEEPER	Connectivity								DMA/Channels	SEGMENT LCD	ETH	DVP	Cryptographic Algorithm	Package	SPQ (PCS)				
								Timer	RTC	PWM	Complementary PWM	Nb* Resolution	Channels						USART/ISO7816/LIN	UART/LIN	LP UART	SPI/I ² S	QSPI	I ² C	USB Device	CAN								SDIO			
N32G003	N32G003F4Q7	Arm® Cortex®-M0	48	16	3	18	2V-5.5V/-40~+105°C	3	-	2	6	1x12bit	9	-	-	1	-	1	-	2 ⁽¹⁾	-	1/-	-	1	-	-	-	-	-	-	-	-	-	CRC16	QFN20 (3mmx3mm)	490/Tray	
	N32G003F5Q7		48	29.5	3	18		3	-	2	6	1x12bit	9	-	-	1	-	1	-	2 ⁽¹⁾	-	1/-	-	1	-	-	-	-	-	-	-	-	-		QFN20 (3mmx3mm)	490/Tray	
	N32G003F4S7		48	16	3	18		3	-	2	6	1x12bit	9	-	-	1	-	1	-	2 ⁽¹⁾	-	1/-	-	1	-	-	-	-	-	-	-	-	-		-	TSSOP20	70/Tube
	N32G003F5S7		48	29.5	3	18		3	-	2	6	1x12bit	9	-	-	1	-	1	-	2 ⁽¹⁾	-	1/-	-	1	-	-	-	-	-	-	-	-	-		-	TSSOP20	70/Tube

Note: “-” means not support, (1)Lin mode not supported

Low Power Consumption MCUs

Series	Commercial Product Code	Core	Frequency(MHz)	Flash(KB)	SRAM(KB)	I/O	Supply Voltage/ Operating Temperature	Timer		PWM		ADC		DAC	OPAMP	COMP	LPRCNT	BEEPER	Connectivity										DMA/Channels	SEGMENT LCD	ETH	DVP	Cryptographic Algorithm	Package	SPQ(PCS)
								Timer	RTC	PWM	Complementary PWM	Nb* Resolution	Channels						USART/ISO7816/LIN	UART/LIN	LPUART	SPI/I ² S	I ² C	USB Device	CAN	SDIO									
																											3	2							
N32L43x	N32L436CBL7	Arm® Cortex®-M4F	108	128	32	38	1.8V~3.6V/-40~+105°C	10	1	24	6	1x12bit	10	1x12bit	2	2	Y	-	3	2	1	2/2	-	2	1	1	-	1/8	4x20	-	-	DES/3DES/AES, SHA1/SHA224/SHA256, MD5, CRC16/CRC32, TRNG	LQFP48	250/Tray	
	N32L436RBL7		108	128	32	52		10	1	28	12	1x12bit	16	1x12bit	2	2	Y	-	3	2	1	2/2	-	2	1	1	-	1/8	4x34 8x30	-	-		LQFP64 (10mmx10mm)	160/Tray	
	N32L436MBL7		108	128	32	64		10	1	28	12	1x12bit	16	1x12bit	2	2	Y	-	3	2	1	2/2	-	2	1	1	-	1/8	4x44 8x40	-	-		LQFP80	119/Tray	
N32L40x	N32L406CBQ7		64	128	24	38		10	1	24	6	1x12bit	10	1x12bit	2	2	-	-	3	2	1	2/2	-	2	1	1	-	1/8	4x20	-	-		DES/3DES/AES, SHA1/SHA224/SHA256, MD5, CRC16/CRC32, TRNG	QFN48	490/Tray
	N32L406CBL7		64	128	24	38		10	1	24	6	1x12bit	10	1x12bit	2	2	-	-	3	2	1	2/2	-	2	1	1	-	1/8	4x20	-	-			LQFP48	250/Tray
	N32L406RBL7		64	128	24	52		10	1	28	12	1x12bit	16	1x12bit	2	2	-	-	3	2	1	2/2	-	2	1	1	-	1/8	4x34 8x30	-	-			LQFP64 (10mmx10mm)	160/Tray
	N32L406MBL7		64	128	24	64		10	1	28	12	1x12bit	16	1x12bit	2	2	-	-	3	2	1	2/2	-	2	1	1	-	1/8	4x44 8x40	-	-			LQFP80	119/Tray
	N32L403KBQ7		64	128	24	26		10	1	17	6	1x12bit	10	1x12bit	2	2	-	-	2	2	1	2/2	-	2	1	1	-	1/8	-	-	-			QFN32	490/Tray
	N32L402CBQ7		64	128	16	38		10	1	24	6	1x12bit	10	1x12bit	2	2	-	-	3	2	1	2/2	-	2	1	-	-	1/8	4x20	-	-			QFN48	490/Tray
	N32L402CBL7	64	128	16	38	10	1	24	6	1x12bit	10	1x12bit	2	2	-	-	3	2	1	2/2	-	2	1	-	-	1/8	4x20	-	-	LQFP48	490/Tray				
	N32L402RBL7	64	128	16	52	10	1	28	12	1x12bit	16	1x12bit	2	2	-	-	3	2	1	2/2	-	2	1	-	-	1/8	4x34 8x30	-	-	LQFP64 (10mmx10mm)	160/Tray				

Note: "-" means not support

Motor Control MCUs

Series	Commercial Product Code	Core	Frequency(MHz)	Flash(KB)	SRAM(KB)	I/O	Supply Voltage/ Operating Temperature	Timer		PWM		ADC		DAC	OPAMP	COMP	LPRCNT	BEEPER	Connectivity										Cryptographic Algorithm	Package	SPQ(Pcs)				
								Timer	RTC	PWM	Complementary PWM	Nb* Resolution	Channels						USART/ISO7816/LIN	UART/LIN	LPUART	SPI/I ² S	I ² C	QSPI	USB Device	CAN	SDIO	DMA/Channels				SEGMENT LCD	ETH	DVP	
N32M417	N32M417C8L7	Arm® Cortex®-M4F	128	64	16	19	MCU:2.4V~3.6V Pextive:3V~20V -40~+105°C	8	1	13	12	1x12bit	11	-	4	3	-	-	2	1	-	2/2	-	2	-	1	-	1/8	-	-	-	-	CR16/CRC32	LQFP48	250/Tray
N32M418	N32M418K8L7		128	64	16	23	MCU:2.4V~3.6V Pextive:3.6V~18V -40~+105°C	8	1	7	10	1x12bit	8	-	2	3	-	1	2	2	-	2/2	-	2	-	1	-	1/8	-	-	-	-	CR16/CRC32	LQFP32	250/Tray

Note: “-” means not support

Battery Management ICs

Series	Commercial Product Code	Battery Type	Cells Number	Battery Capacity (mAh)	Sampling Precision (Typ.)	Voltmeter Precision	LED Segment	Communication	Safety Protection	Feature	Supply Voltage(V)	Operating Temperature(°C)	Package
NB401	NB401KBQ6C	Li-ion/Li-poly	2-4	100~29000	Voltage: $\pm 1\text{mV}$ Current: $\pm 1\text{mA}$ Temperature: $\pm 2^\circ\text{C}$	1% (Normal temperature) 3% (Full temperature)	0-6	SMBus	OLD SCC SCD1/2	<ul style="list-style-type: none"> High side NMOS*2 Balancing Watchdog SHA/ECC authentication 	2.3~26	-40~+85	QFN32 (4mm x 4mm)

Quick Charge Chips

Series	Commercial Product Code	Core	Frequency (MHz)	Flash (KB)	Supply Voltage/ Operating Temperature	CC1/CC2	DP/DM	Type-C Port Role	Vol. and Cur. Sense	Integrated Driver	Protections	Interface	PD	Protocol	Package	SPQ(PCS)
NP11	NP11E6Q7	Arm® Cortex®-M0	48	29.5	3V~25V/-40~+85°C	1	1	DRP*1	1*5mΩ	NMOS*1	OVP/UVP/OCP /SCP/OTP	I2C/FB/OPTO	PD3.1/PPS/ QC4.0	QC/FCP/SCP/ AFC/UFCS	QFN24	490/Tray
NP12	NP12E8Q7	Arm® Cortex®-M4	128	64	3V~25V/-40~+85°C	1	1	DRP*1	1*5mΩ	NMOS*1	OVP/UVP/OCP /SCP/OTP	I2C/FB/OPTO	PD3.1/PPS/ QC4.0	QC/FCP/SCP/ AFC/UFCS	QFN24	490/Tray
NP21	NP21H8Q7	Arm® Cortex®-M4	128	64	3V~25V/-40~+85°C	2	2	DRP*2	2*5mΩ	NMOS*2	OVP/UVP/OCP /SCP/OTP	I2C/FB/OPTO	PD3.1/PPS/ QC4.0	QC/FCP/SCP/ AFC/UFCS	QFN40	490/Tray

Trusted Computing ICs

Series	Commercial Product Code	Firmware Version	Info	CPU	Interface	Package	Symmetric Cryptography	Asymmetric Cryptography	Ambient Temperature	Applications
NS350 v30 TPM 2.0 FW30.26	NS350-KQAR-G2	30.26	TCG TPM Specification Reversion 2.0 1.59	32bit	SPI	QFN32	HMAC SHA-1 SHA2-256 SHA2-384	RSA2048 RSA3072 RSA4096 ECC NIST P256 ECC NIST P384	-20°C~+85°C	<ul style="list-style-type: none"> · PC and mobile computing with Intel x86 Trusted computing · Servers
	NS350-KQBR-G2	30.26	TCG TPM Specification Reversion 2.0 1.59	32bit	SPI	QFN32	HMAC SHA-1 SHA2-256 SHA2-384	RSA2048 RSA3072 RSA4096 ECC NIST P256 ECC NIST P384	-40°C~+85°C	<ul style="list-style-type: none"> · ARM platforms and others Network equipment e.g. routers, gateways, switches, access points, multi-functions printers · Industrial computing and programmable logic controllers · embedded security

Security ICs

Series	Commercial Product Code	GPU Core	Frequency(MHz)	Flash(KB)	SOM(KB)	EEPROM(KB)	SRAM(KB)	Supply Voltage/ Operating temperature I/O	Timer			ADC	DAC	Capture	COMP	LCD	Three Track Magnetic Head	Connectivity					ESD (HM)		Power Consumption			Security Management	Cryptographic Algorithm	Package	Certification					SPQ(PCS)						
									Timer	RTC	Systick							PWM	Nb* Resolution	Channels	ISO14443	USB Device	I ² C	SPI/I ² S	UART	ISO7816	DMA/Channels				Contact(KV)	Contactless (KV)	PowerDown	Standby	Run(Typ)		Level II	EAL	Bank Card Test Center	NIST	USB IF Certification	
Multi-function Security IC	N32S033	Arm® Cortex® -M0	80	512	-	-	33	30	5	1	1	1	1x10bit	12	-	5	1	-	-	1	2	2/1	2	1	-	1/6	±4	-	0.1uA	80uA	125uA /MHz	•	AES/DES/3DES, RSA/ECC, SHA1/224/256/384/512	QFN48 QFN32	Level II	EAL4+	-	-	-	-	USB IF Certification	490/Tray
	N32S032		80	320	-	-	21	30	5	1	1	1	8	1x12bit	12	1	5	1	-	-	1	3	2/-	2	1	-	1/8	+4	-	0.1uA	80uA	110uA /MHz	•	AES/DES/3DES, RSA/ECC, SHA1/224/256/384/512	QFN48 QFN32	Level II	EAL5+	-	-	FIPS140-2 CAVP	USB IF Certification	3000/Reel
	N32S003		48	64	-	-	6	5	6	2	1	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	±6	-	0.5uA	85uA	2.85 mA	•	AES/DES/3DES, RSA/ECC, SHA256	DFN8-3	Level II	EAL4+	-	-	-	-	Tray: 5000/Reel	
	Z32HUA	Arm® Cortex® -M0	80	512	-	-	51	33	5	1	1	-	1x12bit	3	1	-	-	-	•	3	1	3/-	1	1	-	1/8	±4	-	1uA	130uA	20 mA	•	AES/DES/3DES, RSA/ECC, SHA1/224/256/384/512	QFN68	Level II	EAL4+	-	-	Terminal IC security assessment, personal payment, terminal security assessment	FIPS 140-2 CAVP	USB IF Certification	260/Tray 490/Tray
	Z32HUB		60	320	-	-	16	22	2	1	-	1	-	-	-	-	-	-	-	-	1	1/-	-	1	-	2/1	±4	-	1uA	130uA	500uA /MHz	•	AES/DES/3DES, RSA/ECC, SHA1/224/256/384/512	QFN32	Level II	EAL4+	-	-	FIPS 140-2 CAVP	USB IF Certification	Tray: 490/Tray Tape: 2500/Reel	

Note: “.” means support, “-” means not support

Package Options

WLCSP 3mm*3mm	SOP8 4.8mm*3.8mm	DFN8 3mm*3mm/ 3mm*2mm	DFN12 2.5mm*4mm	TSSOP20 6.5mm*4.4mm
UFQFPN20 3mm*3mm	UQFN20 3mm*3mm	UQFN48 7mm*7mm	QFN20 3mm*3mm/ 4mm*4mm	QFN28 4mm*4mm
QFN32 4mm*4mm/ 5mm*5mm	QFN36 6mm*6mm	QFN40 5mm*5mm	QFN48 6mm*6mm	QFN64 8mm*8mm
QFN88 10mm*10mm	TFBGA100 8mm*8mm	BGA144 7mm*7mm	UFBGA169 7mm*7mm	UFBGA176+25 10mm*10mm

TFBGA240+25 14mm*14mm	LQFP32 7mm*7mm	LQFP44 10mm*10mm	LQFP48 7mm*7mm	TQFP48 7mm*7mm
LQFP64 7mm*7mm 10mm*10mm 14mm*14mm	LQFP80 12mm*12mm	LQFP100 14mm*14mm	LQFP128 14mm*14mm	LQFP144 20mm*20mm
LQFP176 24mm*24mm	LQFP208 28mm*28mm			

MCU Ecosystem

Development Ecosystem

Selection

Development&Debug

Mass Production

Product Selection Guide



Application Solution



Motor Drive Solution



Security Solution

Storage encryption,
Read/write protection,
partition protection

Technical support and
communication

NSING NSING Service Account



Manual Application Note Transplant Guide

Software Development Tools Debug Tools

iar **KEIL** **GCC** **NS-LINK** **J-Link** **ULink**

Development Evaluation Board



Support RTOS

ERTOS **Alibaba Cloud** **Tencent Cloud** **RT-Thread** **µC/OS**

Direct, Channel and Online Sample Purchasing



Online & Offline Support from AE+FAE



MP programming tool



MaxWiz Technology **MetInfo**

HI-LO SYSTEMS

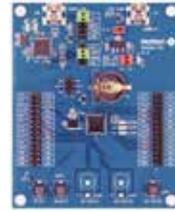
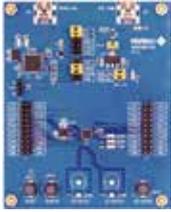
创芯工坊 **CHIRKER**

Security Differential FOTA



Development Board

· Minimum System Board



· Full Function Development Board



N32G457QE_EVB



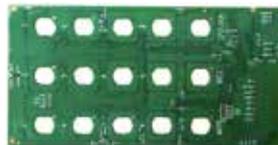
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· Solution Development Board

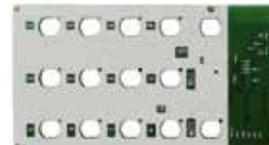


Motor Drive Development Board
(Single Resistance/Dual Resistance)

· Smart Lock Development Board



Fully automatic door lock scheme



Semi automatic door lock scheme

· Smart Meter Development Board



NS-LINK Offline programmer



NS-LINK-Pro