

产品型号	内核	主频 (MHz)	Flash (KB)	SRAM (KB)	I/O	工作电压 工作温度	定时器		PWM		ADC		DAC	OPAMP	COMP	TSC	通信接口								DMA/通道数	XFMC	Ethernet	BLE	DVP	加密算法	封装
							定时器	RTC	PWM	互补PWM	个数x精度	通道数					USART/ISO7816	UART	SPI/12S	QSPI	I2C	USB Device	CAN	SDIO							
N32G452CBL7	ARM Cortex-M4F	144 MHz	128	80	37	1.8V~3.6V -40~+105°C	8	1	23	6	2x12bit	10	2x12bit	-	-	-	3	3	3/2	1*	3	1	2	/	2/16	-	-	-	-	DES/3DES、AES、ECC、	LQFP48
N32G452CCL7	ARM Cortex-M4F	144 MHz	256	144	37	1.8V~3.6V -40~+105°C	8	1	23	6	2x12bit	10	2x12bit	-	-	-	3	3	3/2	1*	3	1	2	/	2/16	-	-	-	-		LQFP48
N32G452RBL7	ARM Cortex-M4F	144 MHz	128	80	51	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	16	2x12bit	-	-	-	3	4	3/2	1	4	1	2	1	2/16	-	-	-	-		LQFP64
N32G452RCL7	ARM Cortex-M4F	144 MHz	256	144	51	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	16	2x12bit	-	-	-	3	4	3/2	1	4	1	2	1	2/16	-	-	-	-		LQFP64
N32G452REL7	ARM Cortex-M4F	144 MHz	512	144	51	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	16	2x12bit	-	-	-	3	4	3/2	1	4	1	2	1	2/16	-	-	-	-		LQFP64
N32G452MBL7	ARM Cortex-M4F	144 MHz	128	80	65	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	16	2x12bit	-	-	-	3	4	3/2	1	4	1	2	1	2/16	Y*	-	-	-		LQFP80
N32G452MCL7	ARM Cortex-M4F	144 MHz	256	144	65	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	16	2x12bit	-	-	-	3	4	3/2	1	4	1	2	1	2/16	Y*	-	-	-		LQFP80
N32G452MEL7	ARM Cortex-M4F	144 MHz	512	144	65	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	16	2x12bit	-	-	-	3	4	3/2	1	4	1	2	1	2/16	Y*	-	-	-		LQFP80
N32G452VCL7	ARM Cortex-M4F	144 MHz	256	144	80	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	16	2x12bit	-	-	-	3	4	3/2	1	4	1	2	1	2/16	Y	-	-	-		LQFP100
N32G452VEL7	ARM Cortex-M4F	144 MHz	512	144	80	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	16	2x12bit	-	-	-	3	4	3/2	1	4	1	2	1	2/16	Y	-	-	-		LQFP100
N32G452QCL7	ARM Cortex-M4F	144 MHz	256	144	97	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	18	2x12bit	-	-	-	3	4	3/2	1	4	1	2	1	2/16	Y	-	-	-		LQFP128
N32G452QEL7	ARM Cortex-M4F	144 MHz	512	144	97	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	18	2x12bit	-	-	-	3	4	3/2	1	4	1	2	1	2/16	Y	-	-	-		LQFP128
N32G455CBL7	ARM Cortex-M4F	144 MHz	128	80	37	1.8V~3.6V -40~+105°C	8	1	23	6	4x12bit	16	2x12bit	4	5	8	3	3	3/2	1*	3	1	2	/	2/16	-	-	-	-		LQFP48
N32G455CCL7	ARM Cortex-M4F	144 MHz	256	144	37	1.8V~3.6V -40~+105°C	8	1	23	6	4x12bit	16	2x12bit	4	5	8	3	3	3/2	1*	3	1	2	/	2/16	-	-	-	-		LQFP48
N32G455RBL7	ARM Cortex-M4F	144 MHz	128	80	51	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	22	2x12bit	4	7	16	3	4	3/2	1	4	1	2	1	2/16	-	-	-	-	LQFP64	

产品型号	内核	主频 (MHz)	Flash (KB)	SRAM (KB)	I/O	工作电压 工作温度	定时器		PWM		ADC		DAC	OPAMP	COMP	TSC	通信接口								DMA/通道数	XFMC	Ethernet	BLE	DVP	加密算法	封装
							定时器	RTC	PWM	互补PWM	个数x精度	通道数					USART/ISO7816	UART	SPI/12S	QSPI	I2C	USB Device	CAN	SDIO							
N32G455RCL7	ARM Cortex-M4F	144 MHz	256	144	51	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	22	2x12bit	4	7	16	3	4	3/2	1	4	1	2	1	2/16	-	-	-	-	RSA、SHA1/SHA224/SHA256、SM1、SM3、SM4、SM7、MD5、CRC16/CRC32、TRNG	LQFP64
N32G455REL7	ARM Cortex-M4F	144 MHz	512	144	51	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	22	2x12bit	4	7	16	3	4	3/2	1	4	1	2	1	2/16	-	-	-	-		LQFP64
N32G455MBL7	ARM Cortex-M4F	144 MHz	128	80	65	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	33	2x12bit	4	7	18	3	4	3/2	1	4	1	2	1	2/16	Y*	-	-	-		LQFP80
N32G455MCL7	ARM Cortex-M4F	144 MHz	256	144	65	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	33	2x12bit	4	7	18	3	4	3/2	1	4	1	2	1	2/16	Y*	-	-	-		LQFP80
N32G455MEL7	ARM Cortex-M4F	144 MHz	512	144	65	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	33	2x12bit	4	7	18	3	4	3/2	1	4	1	2	1	2/16	Y*	-	-	-		LQFP80
N32G455VBL7	ARM Cortex-M4F	144 MHz	128	80	80	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	38	2x12bit	4	7	24	3	4	3/2	1	4	1	2	1	2/16	Y	-	-	-		LQFP100
N32G455VCL7	ARM Cortex-M4F	144 MHz	256	144	80	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	38	2x12bit	4	7	24	3	4	3/2	1	4	1	2	1	2/16	Y	-	-	-		LQFP100
N32G455VEL7	ARM Cortex-M4F	144 MHz	512	144	80	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	38	2x12bit	4	7	24	3	4	3/2	1	4	1	2	1	2/16	Y	-	-	-		LQFP100
N32G457RCL7	ARM Cortex-M4F	144 MHz	256	144	51	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	22	2x12bit	4	7	16	3	4	3/2	1	4	1	2	1	2/16	-	1	-	Y		LQFP64
N32G457REL7	ARM Cortex-M4F	144 MHz	512	144	51	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	22	2x12bit	4	7	16	3	4	3/2	1	4	1	2	1	2/16	-	1	-	Y		LQFP64
N32G457MCL7	ARM Cortex-M4F	144 MHz	256	144	65	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	33	2x12bit	4	7	18	3	4	3/2	1	4	1	2	1	2/16	Y*	1	-	Y		LQFP80
N32G457MEL7	ARM Cortex-M4F	144 MHz	512	144	65	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	33	2x12bit	4	7	18	3	4	3/2	1	4	1	2	1	2/16	Y*	1	-	Y		LQFP80
N32G457VCL7	ARM Cortex-M4F	144 MHz	256	144	80	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	38	2x12bit	4	7	24	3	4	3/2	1	4	1	2	1	2/16	Y	1	-	Y		LQFP100
N32G457VEL7	ARM Cortex-M4F	144 MHz	512	144	80	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	38	2x12bit	4	7	24	3	4	3/2	1	4	1	2	1	2/16	Y	1	-	Y		LQFP100
N32G457QEL7	ARM Cortex-M4F	144 MHz	512	144	97	1.8V~3.6V -40~+105°C	8	1	24	12	4x12bit	40	2x12bit	4	7	24	3	4	3/2	1	4	1	2	1	2/16	Y	1	-	Y		LQFP128

产品型号	内核	主频 (MHz)	Flash (KB)	SRAM (KB)	I/O	工作电压 工作温度	定时器		PWM	互补PWM	ADC		DAC	OPAMP	COMP	TSC	通信接口										DMA/通道数	XFMC	Ethernet	BLE	DVP	加密算法	封装
							定时器	RTC			通道数	精度					USART/ISO7816	UART	SP/I2S	QSPI	I2C	USB Device	CAN	SDIO									
							定时器	定时器	PWM																								
N32G4FRKCQ7	ARM Cortex-M4F	144 MHz	256	144	24	1.8V~3.6V -40~+105°C	6	1	10	6	2x12bit	7	2x12bit	-	-	2	1	3	2/1	1	3	1	1	/	2/16	-	-	-	-		QFN32		
N32G4FRKEQ7	ARM Cortex-M4F	144 MHz	512	144	24	1.8V~3.6V -40~+105°C	6	1	10	6	2x12bit	7	2x12bit	-	-	2	1	3	2/1	1	3	1	1	/	2/16	-	-	-	-		QFN32		
N32G4FRHCQ7	ARM Cortex-M4F	144 MHz	256	144	32	1.8V~3.6V -40~+105°C	7	1	12	6	2x12bit	11	2x12bit	-	-	5	2	4	3/2	1	4	1	2	/	2/16	-	-	-	Y		QFN40		
N32G4FRHEQ7	ARM Cortex-M4F	144 MHz	512	144	32	1.8V~3.6V -40~+105°C	7	1	12	6	2x12bit	11	2x12bit	-	-	5	2	4	3/2	1	4	1	2	/	2/16	-	-	-	Y		QFN40		
N32G4FRREL7	ARM Cortex-M4F	144 MHz	512	144	51	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	16	2x12bit	-	-	16	3	4	3/2	1	4	1	2	1	2/16	-	-	-	Y		LQFP64		
N32G4FRMEL7	ARM Cortex-M4F	144 MHz	512	144	65	1.8V~3.6V -40~+105°C	8	1	24	12	2x12bit	16	2x12bit	-	-	18	3	4	3/2	1	4	1	2	1	2/16	Y*	-	-	Y		LQFP80		
N32WB452CEQ6	ARM Cortex-M4F+M0	144 MHz	512	144	30	1.8V~3.6V -40~+85°C	8	1	23	6	2x12bit	6	2x12bit	-	-	6	3	2	3/2	-	2	1	2	-	2/16	-	-	BLE 5.0	-		QFN48		
N32WB452REQ6	ARM Cortex-M4F+M0	144 MHz	512	144	44	1.8V~3.6V -40~+85°C	8	1	24	12	2x12bit	11	2x12bit	-	-	13	3	3	3/2	-	3	1	2	-	2/16	-	-	BLE 5.0	Y		QFN64		
N32WB452LEQ6	ARM Cortex-M4F+M0	144 MHz	512	144	68	1.8V~3.6V -40~+85°C	8	1	24	12	2x12bit	15	2x12bit	-	-	16	3	4	3/2	-	4	1	2	-	2/16	-	-	BLE 5.0	Y		QFN88		