N32M016

N32M016 32 bit ARM Cortex-M0 64MHz FLASH
64KB Flash 6KB SRAM 1 12bit 1Msps ADC 3 1
1 NTC 4 TIM 3*UART 2*I2C 2*SPI 3 DMA
6N LDO 150V

CPU

- 32 ARM Cortex-M0
- 64MHz

- 64KByte Main Flash 10 10
- 6KByte SRAM STOP

- Run
- Stop TIM6 IWDG UART3 COMP SRAM IO

- HSI_64M RC OSC 64MHz
- LSI RC OSC 32KHz
- 1 SYSCLK HSI

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— 1 256

— **#** NTC

—

— (PVD)

21 GPIOs.

— 1 16bit / 7

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1

N32M016 N32G033x MCU N32G033

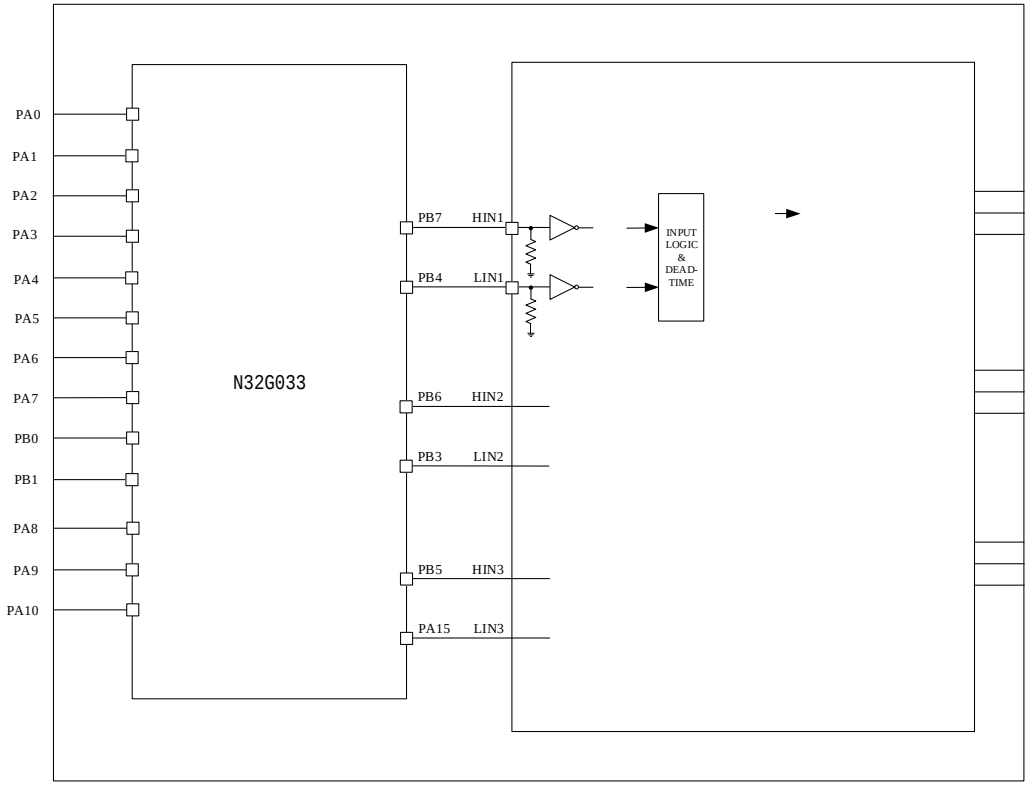
N32G033 32 ARM Cortex®-M0 64MHz 64KB Flash 6KB SRAM AHB 1 APB 29 I/O 1 12 1Msps ADC 11 3 1 3 UART 2 I2C 2 SPI

N32G033 -40℃ +105℃ 2.0V 5.5V 48

1-1

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1-2 N32M016H8Q7



1.1

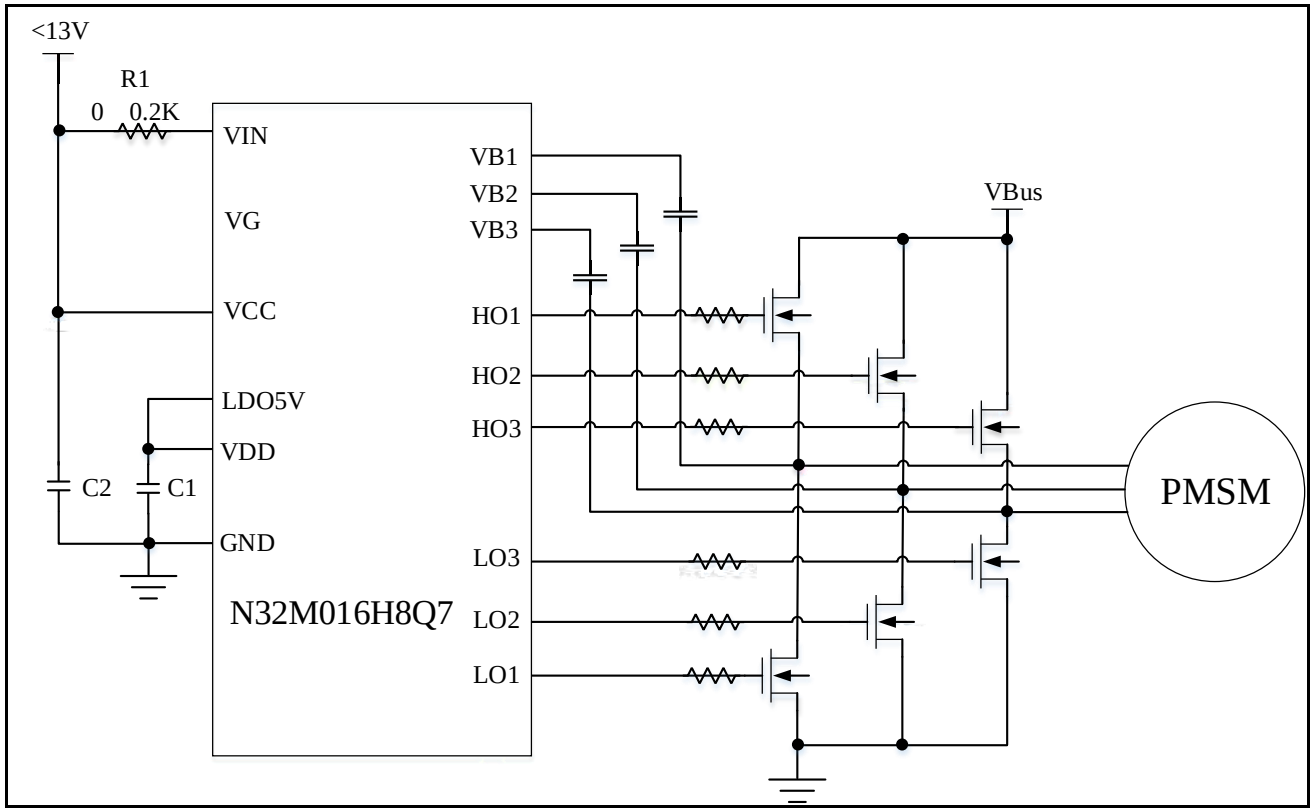
1-1 N32M016

		N32M016H8Q7
Flash KB		64
SRAM KB		6
CPU		ARM Cortex-M0 @64MHz
		2.0~5.5V/-40~105
		1
	16	1
	32	1
		1

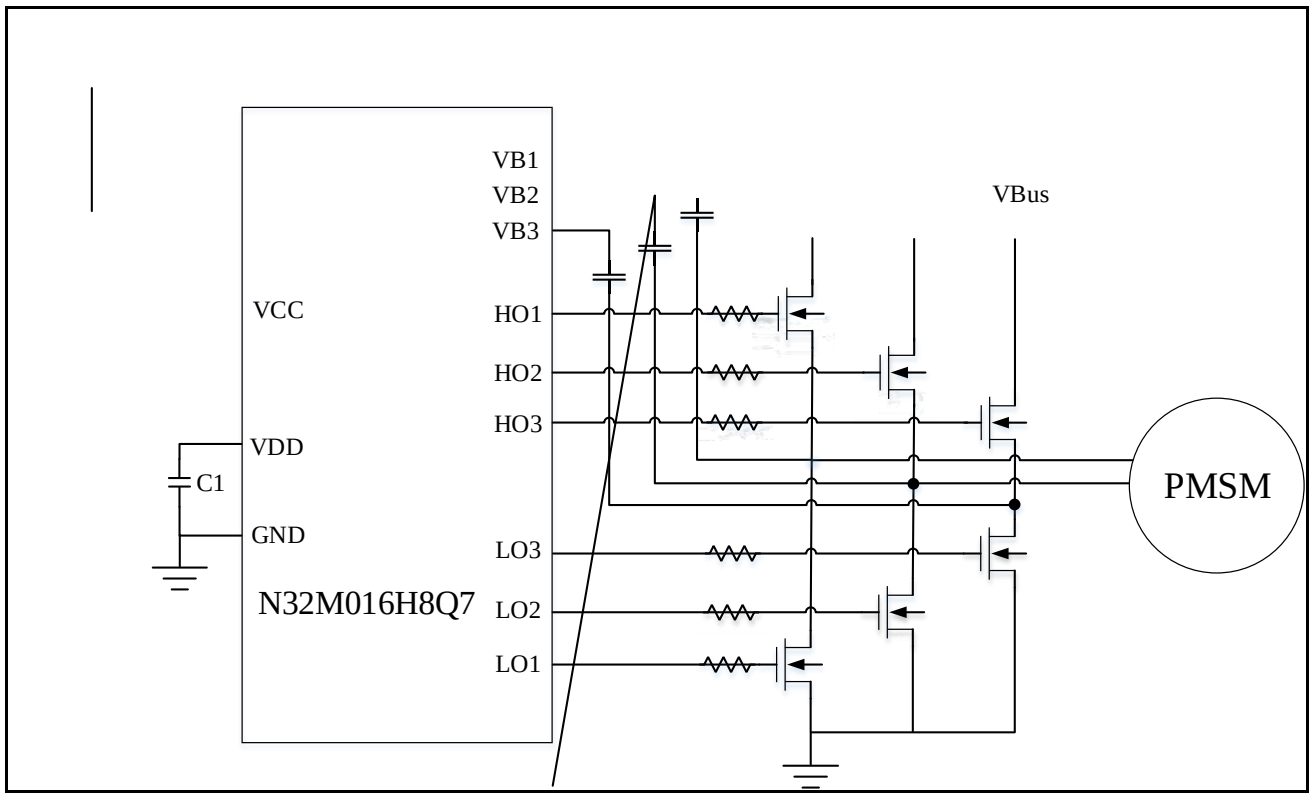
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1-3 N32M016H8Q7



1-4 N32M016H8Q7



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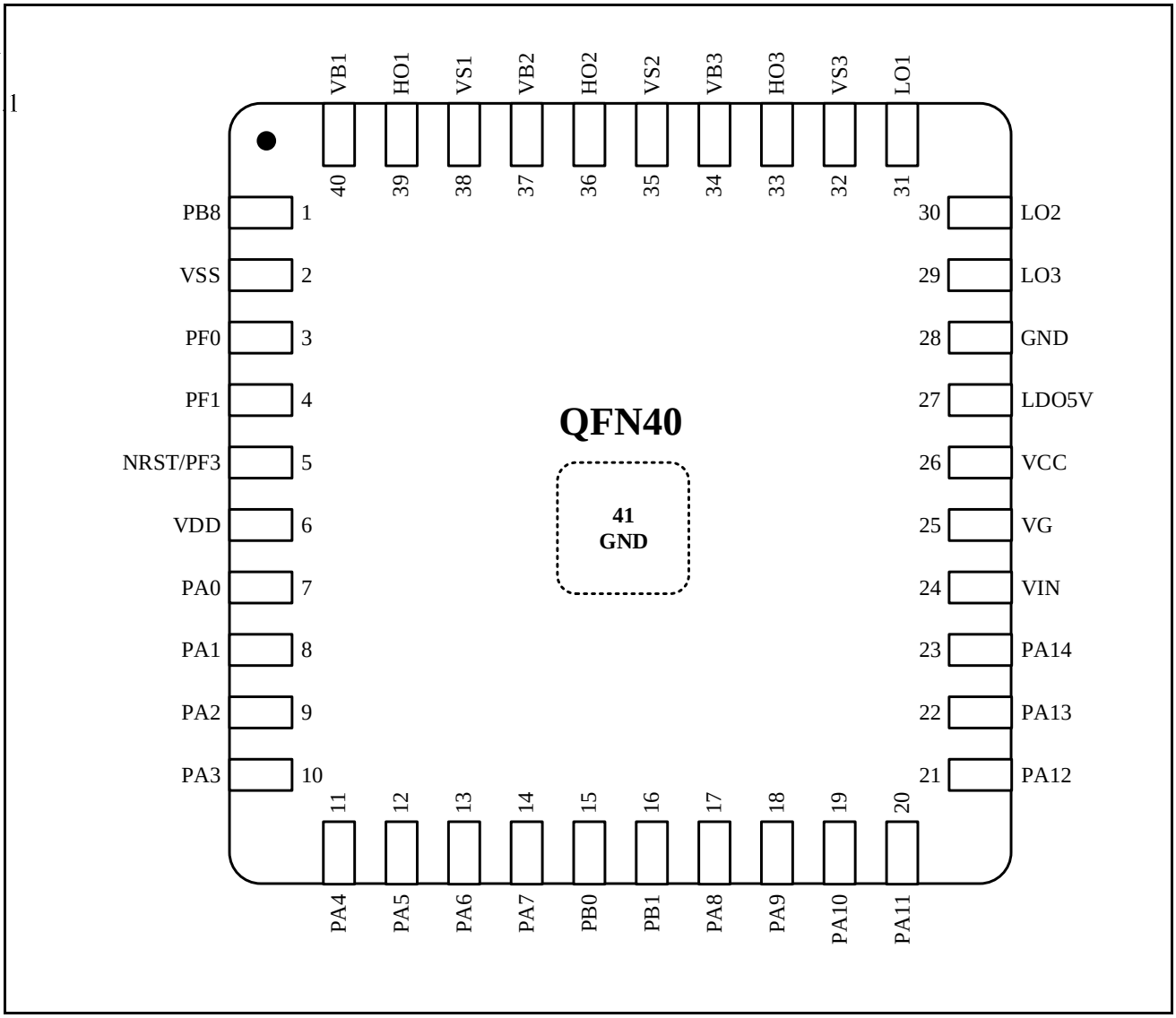
2

N32M016H8Q7

2-1 N32M016H8Q7 QFN40

2.1

2.1.1



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9	PA2		UART1_TX, UART2_TX, SPI1_MOSI, TIM1_BKIN, TIM3_CH3, TIM1_CH7, TIM4_CH3, UART3_TX,	ADC_IN2, OPAMP1_VINM,
10	PA3		UART1_RX, UART2_RX, TIM1_CH2, SPI1_MISO, UART3_RX	ADC_IN3, COMP_INP,
11	PA4		SPI1_MISO, TIM3_CH1, TIM1_CH1, SPI1_NSS, I2C1_SCL, UART3_TX, UART1_DE, UART2_DE,	ADC_IN4, COMP_INM, OPAMP1_VINP,
12	PA		TIM1_CH3,	

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3

QFN40(5x5mm)

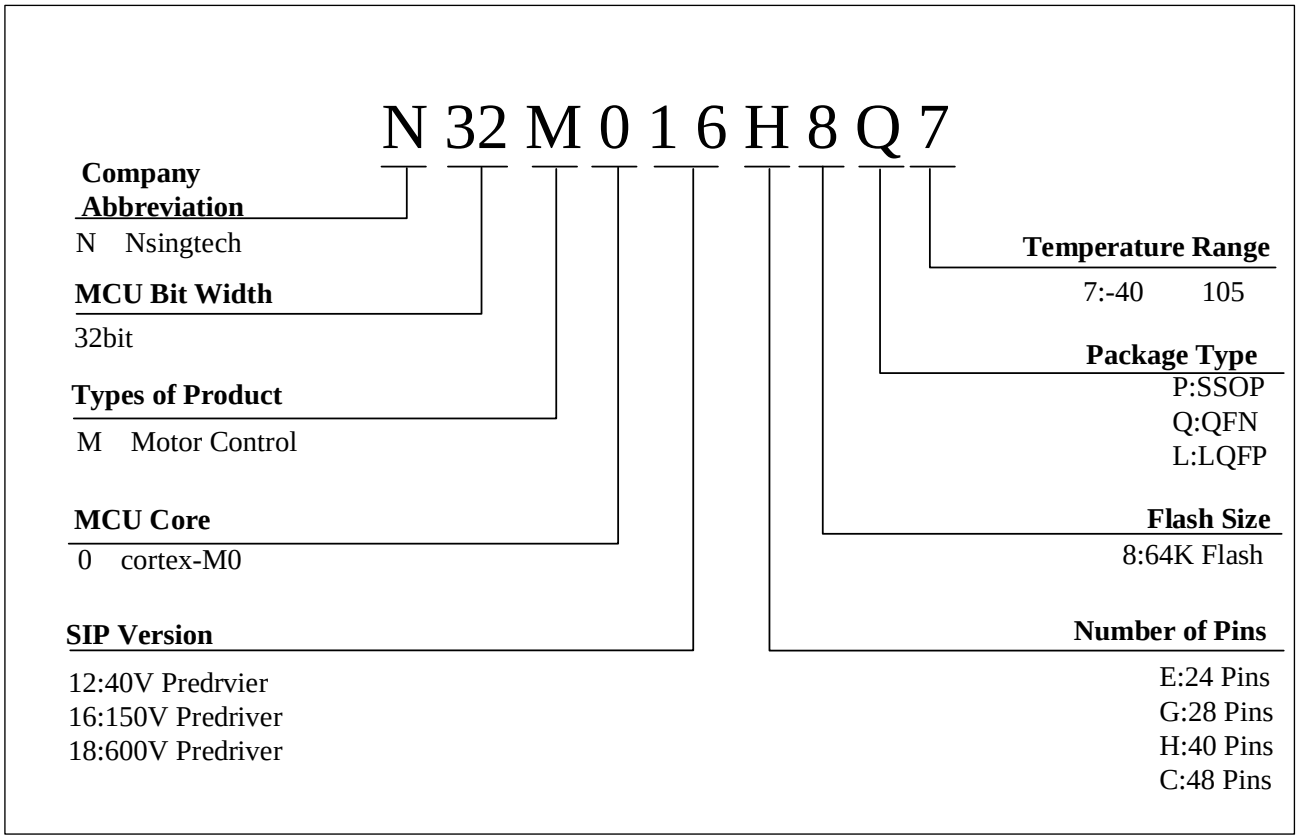
3-1 QFN40(5x5mm)

3.1

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4

4-1 N32M016



4-1 N32M016

(1)			(2)	SPQ(3)	
N32M016H8Q7	QFN40	5mm *5mm	Tray	490	-40 ~105

1.

2.

3.

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5

2026.3.26	V1.0.0	1.

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