

N32H487	32 bit ARM Cortex-M4F	240MHz	DSP
512KB	Flash 192		

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118 GPIOs

- 1 USB FS Device PHY
- 1 USB HS DualRole PHY
- 6 SPI 2 I2S / SPI
- 4 USART /4 UART ISO7816 IrDA LIN USART3/UART5/UART8 TX/RX
- 4 I2C 1 MHz
- 3 CAN-FD
- 1 IEEE-802.3-2002 Ethernet MAC 10M/100M IEEE1588
- 1 DVP Digital Video Port 8/10/12/16
- 4 12bit 4.7Mps ADC 12bit 10bit 8bit 6bit 16bit ADC 16
- 2 12 bit DAC DAC L TJETT/F1 9 Tf1 0 0060.15 Tm(2)] 82A85311F45C09 Tc[8094B5F>129 T0430(2)] 82A85311F45C

	N	32	H	4	87	V	E	L	7	
Company Abbreviation										
Nationtech										
MCU Bit Width										
32bit										
Types of Product										
High performance										
MCU Core										
4 = ARM Cortex-M4										
Product Series										
87 = Interconnected type										
Number of Pins										
R = 64 Pins V = 100 Pins Z = 144 Pins										
										Temperature Range
										7 : -40 ℃~105 ℃
										Package Type
										L = LQFP
										Flash Size
										E = 512KB Flash

2

2-1 N32G487

N32H487REL7

N32H487VEL7

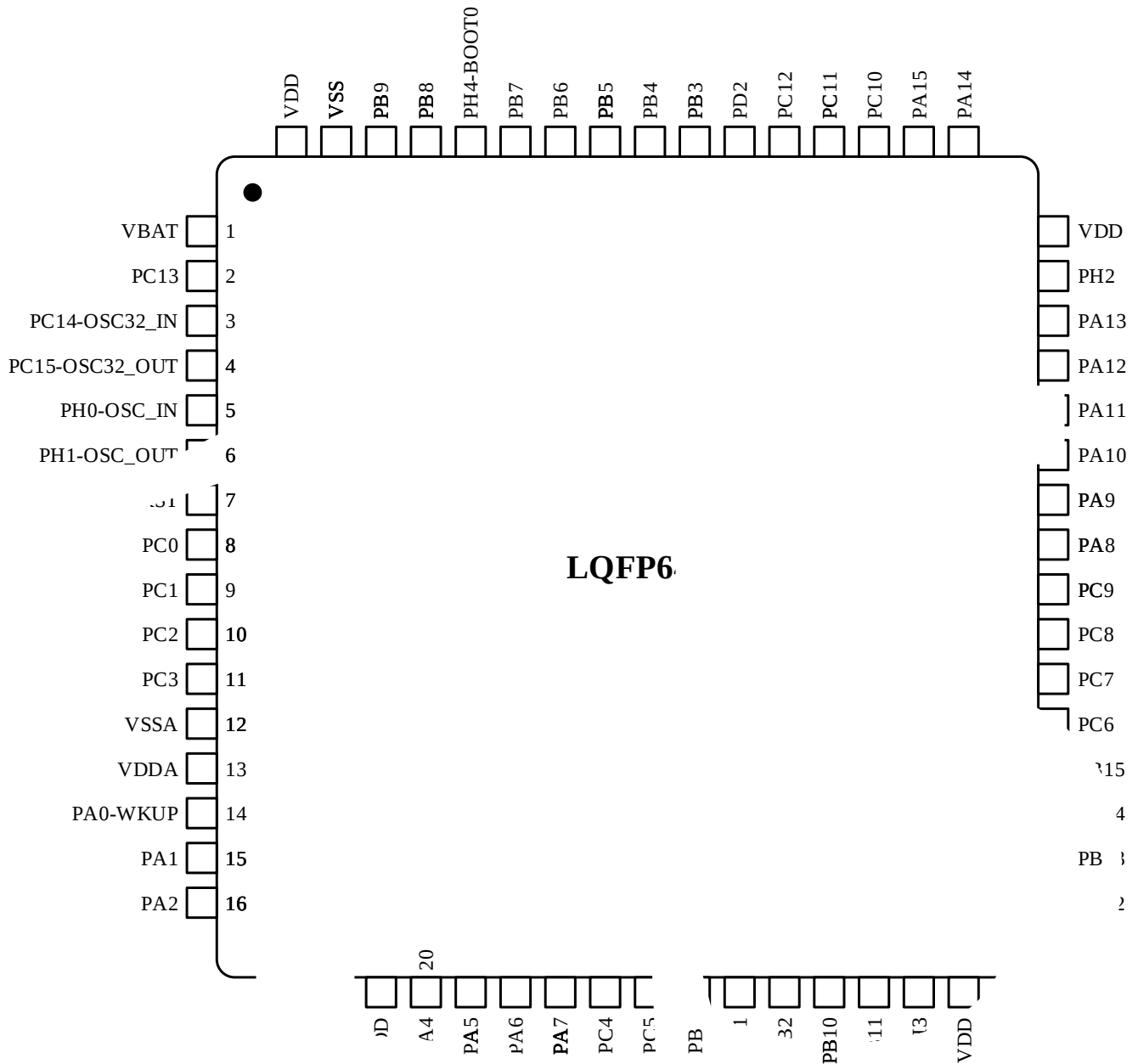
Cordic	Yes		
FMAC	Yes		
	RDP/WRP		
	LQFP64	LQFP100	LQFP144

1. CCM SRAM
- SRAM
- CCM SRAM
2.
- 1
3.

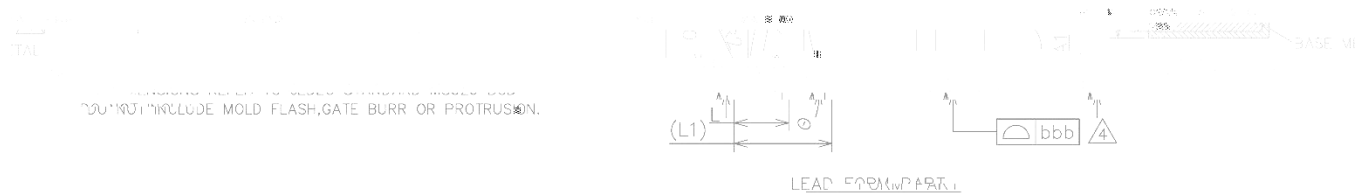
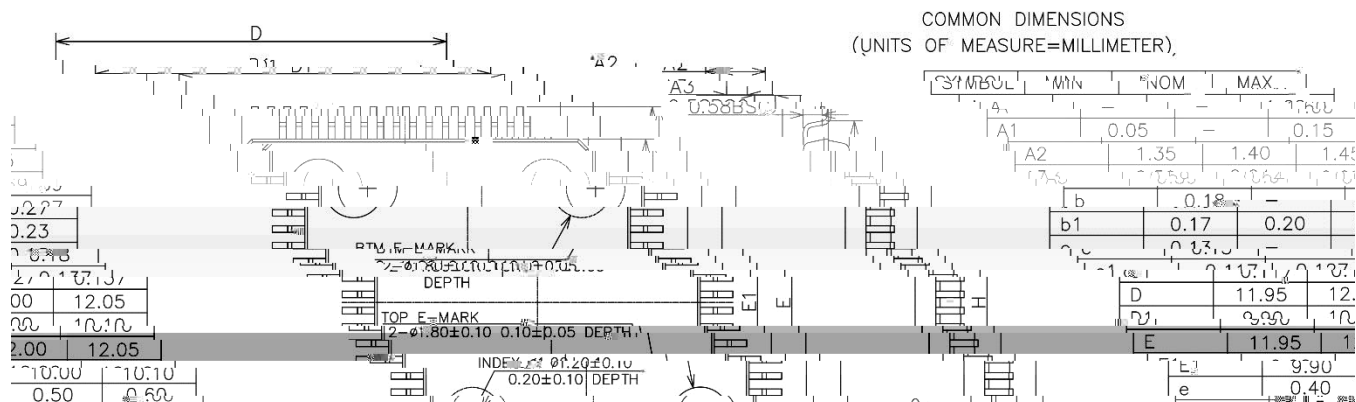
3

3.1

3.1.1

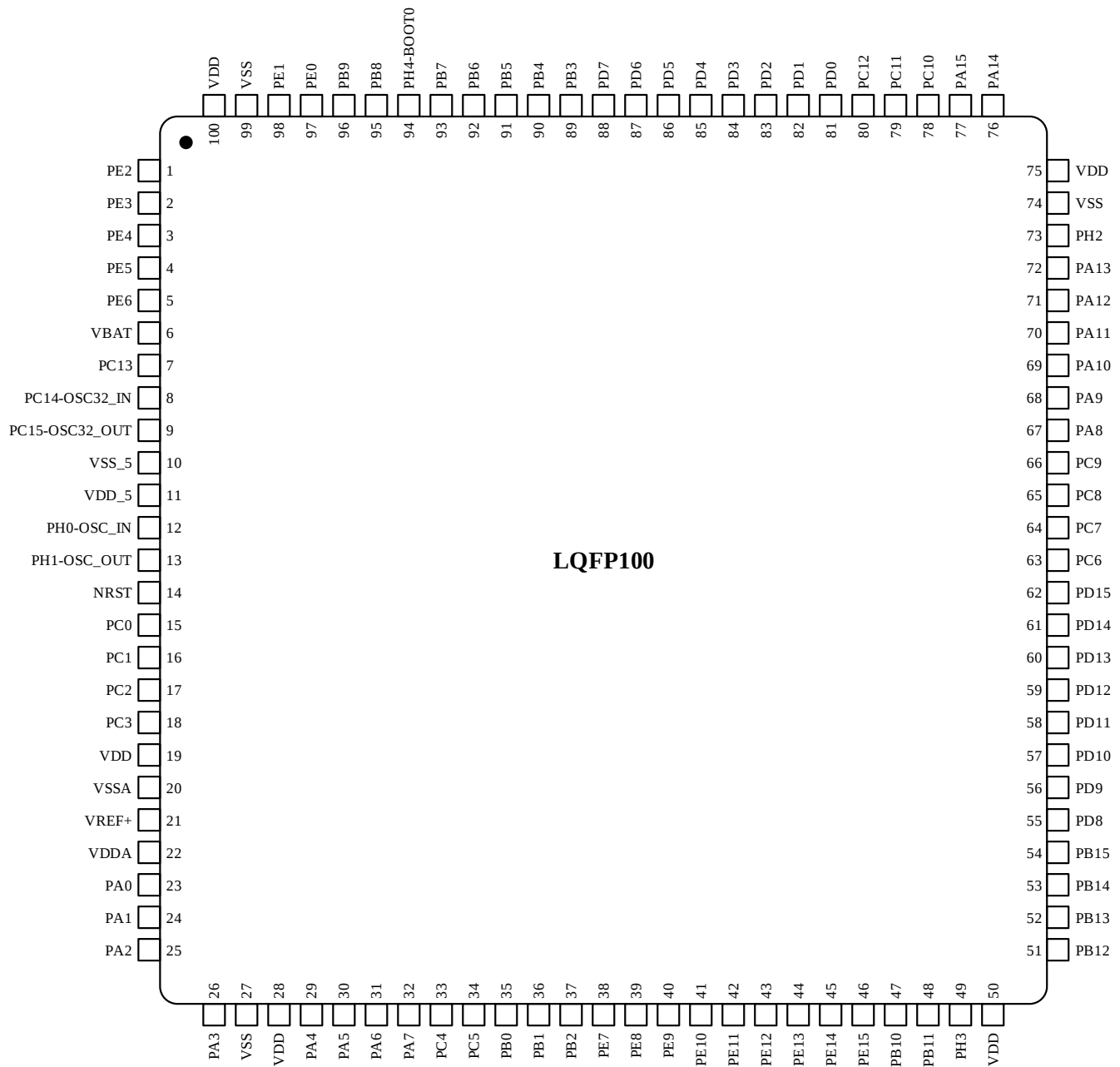


3.1.2

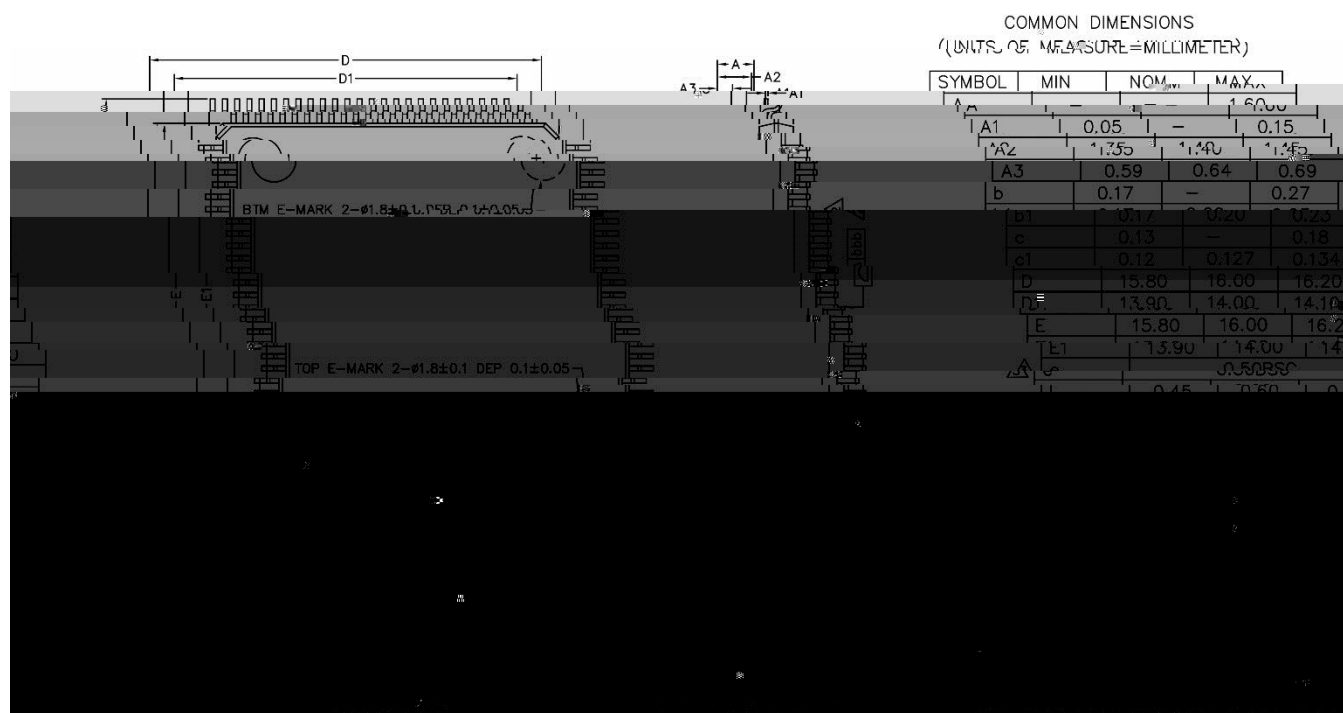


3.2

3.2.1



3.2.2



3.3

3.3.1

