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ESD ±2KV HBM

●

LQFP32(7mm x 7mm)

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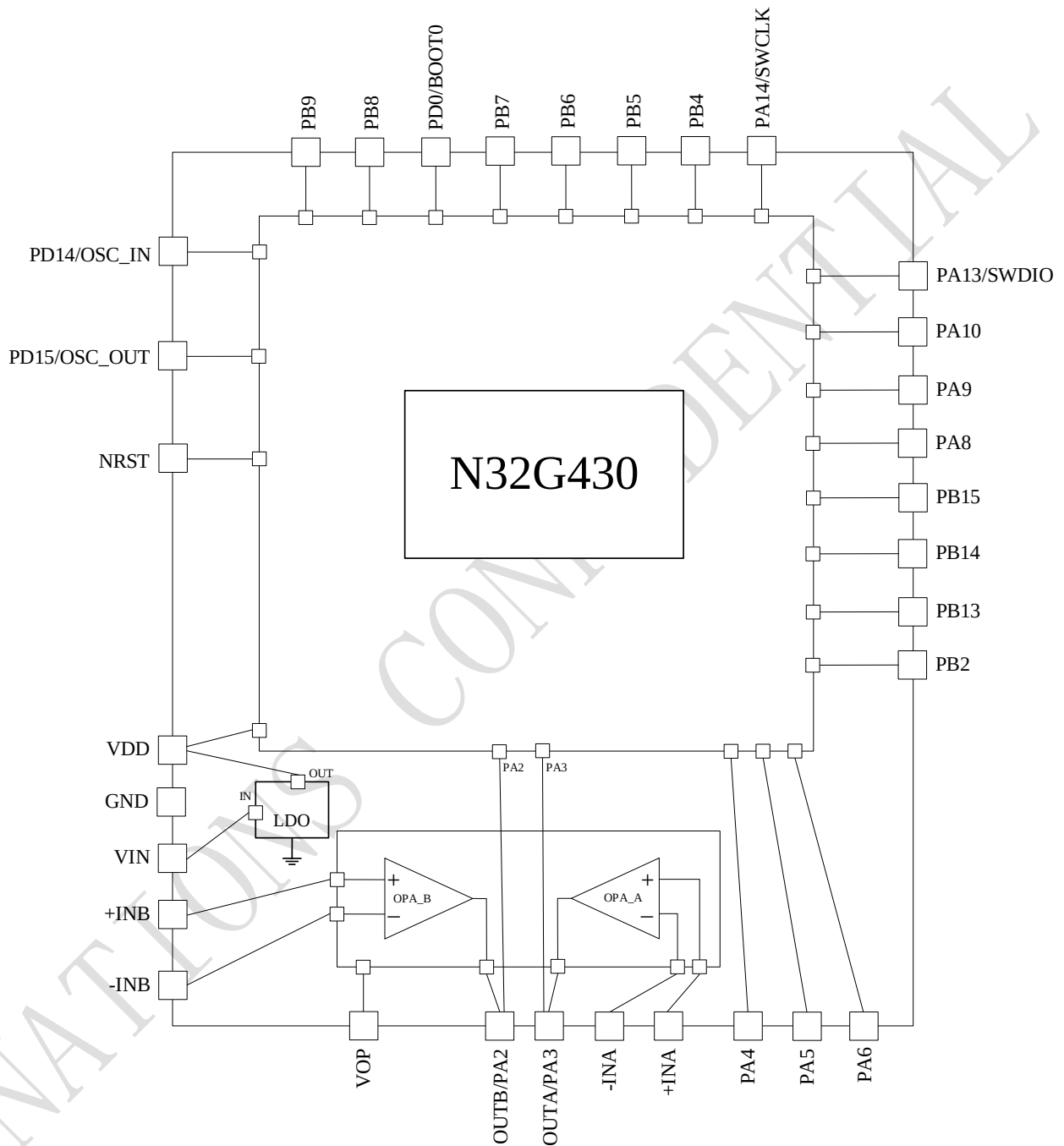
N32M418	N32M418K8L7

NA

2

		N32M418K8L7
Flash	KB	64
SRAM	KB	16
CPU		ARM Cortex-M4F @128MHz
		2.4V~3.6V LDO 3.6V~18V/-40~10
		4
		2
		1
	LPTIM	1
	SPI	2
	I2S	2
	I2C	2
	U(S)ART	4
	CAN	1
GPIO		23
DMA		8 Channels
12bit ADC		1x12bit
Number of Channels		8Channel
OPAMP		2
COMP		3
		CRC16/32
		RDP/WRP
		LQFP32

3



N32M418

N32G430

LDO

OPAMP

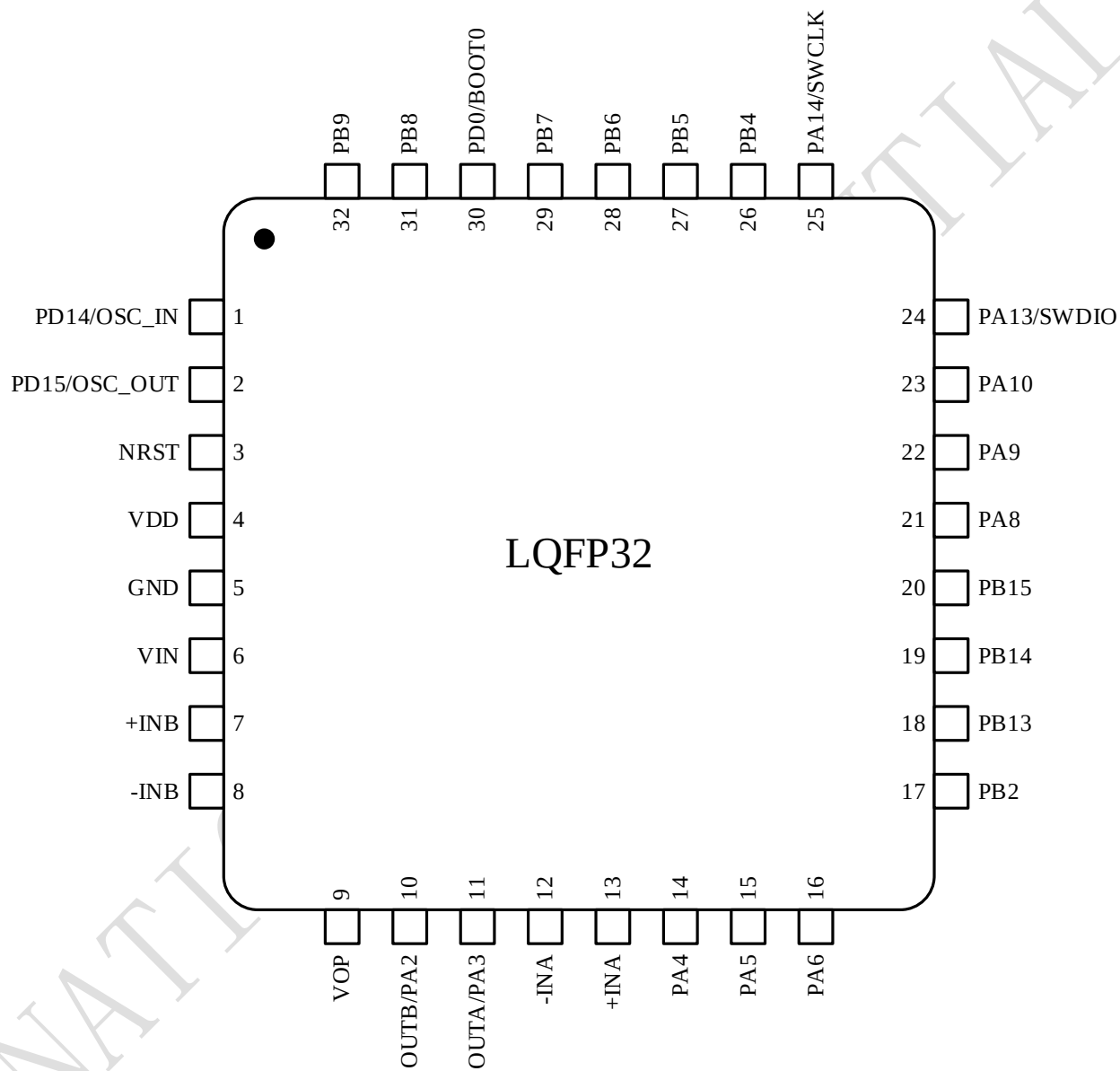
SDK

N32G430

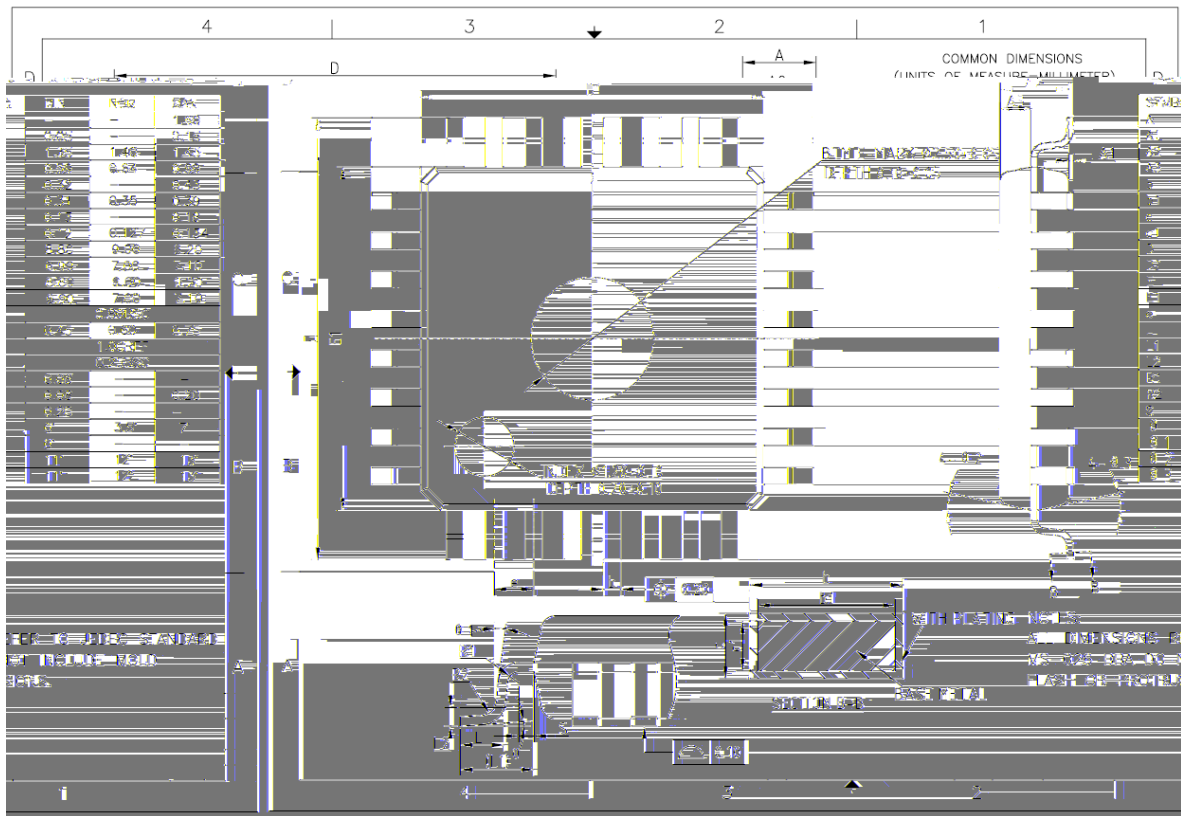
4

4.1 LQFP32

4.1.1 LQFP32



4.1.2 LQFP32



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23	PA10	I/O	FT	Y	USART1_RX I2C2_SDA SPI1_SCK SPI2_SCK I2S1_CK I2S2_CK TIM1_CH3 EVENTOUT TIM1_BKIN	COMP3_OUT LPTIM_ETR RTC_REFIN
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32	PB9	I/O	FT	Y	I2C1_SDA CAN_TX TIM4_CH4 UART3_RX COMP2_OUT EVENTOUT TIM1_CH4	-	
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1. I = O = S =

2. FT: 5V tolerant FTa: 5V tolerant

3. Fail-safe IO

4.

5. ADC 4.7MSPS(12Bit)

6. ADC 4MSPS(12Bit)

7.

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V1.0.0	2023.04. 19	

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