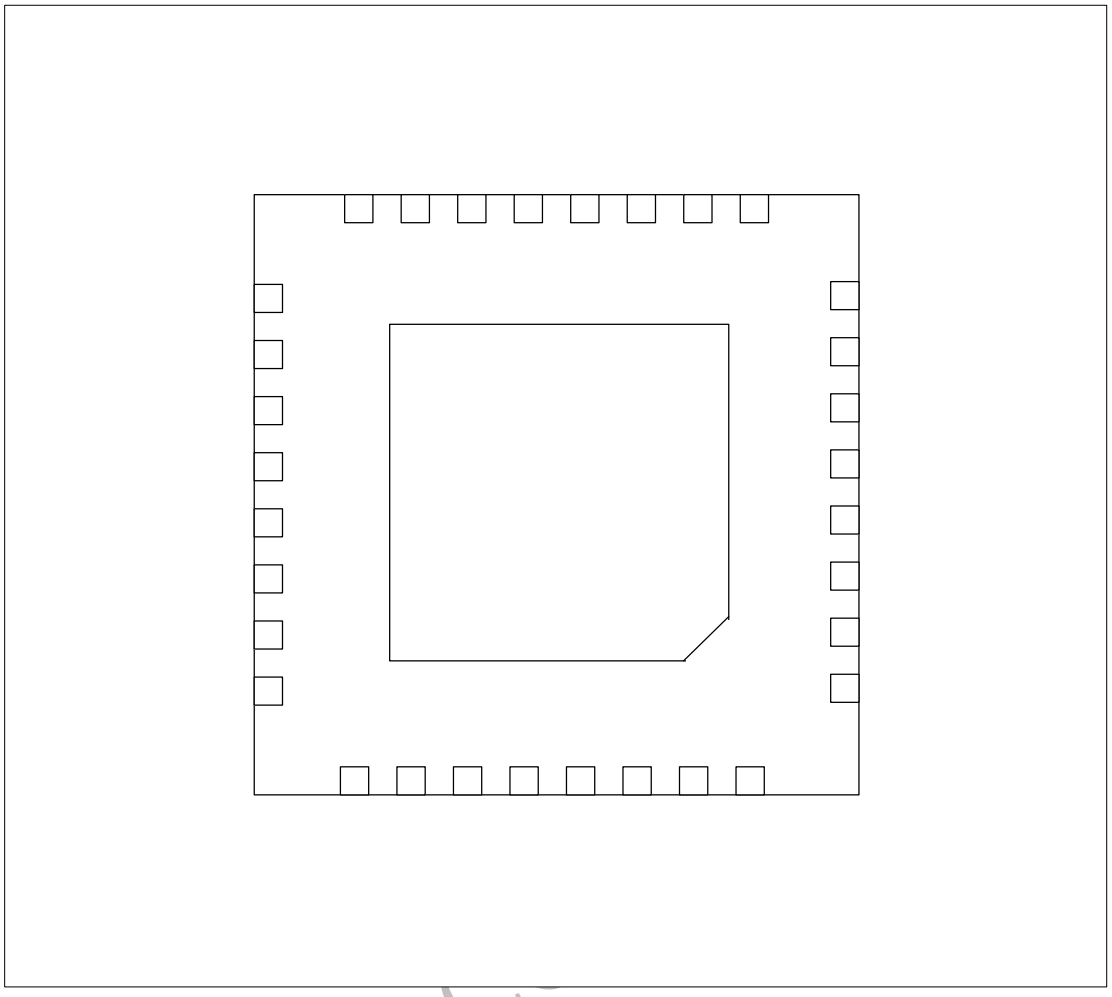
1 1
2 2
3 2
4 3
4.1 3
4.2 4
5 6
5.1 SPI 6
5.2 UART 6
5.3 I2C 6
5.4 7
6 7
6.1 7
6.2 8
6.3 8
7 9
8 10

NATIONS CONFIDENTIAL

ATIONS CON

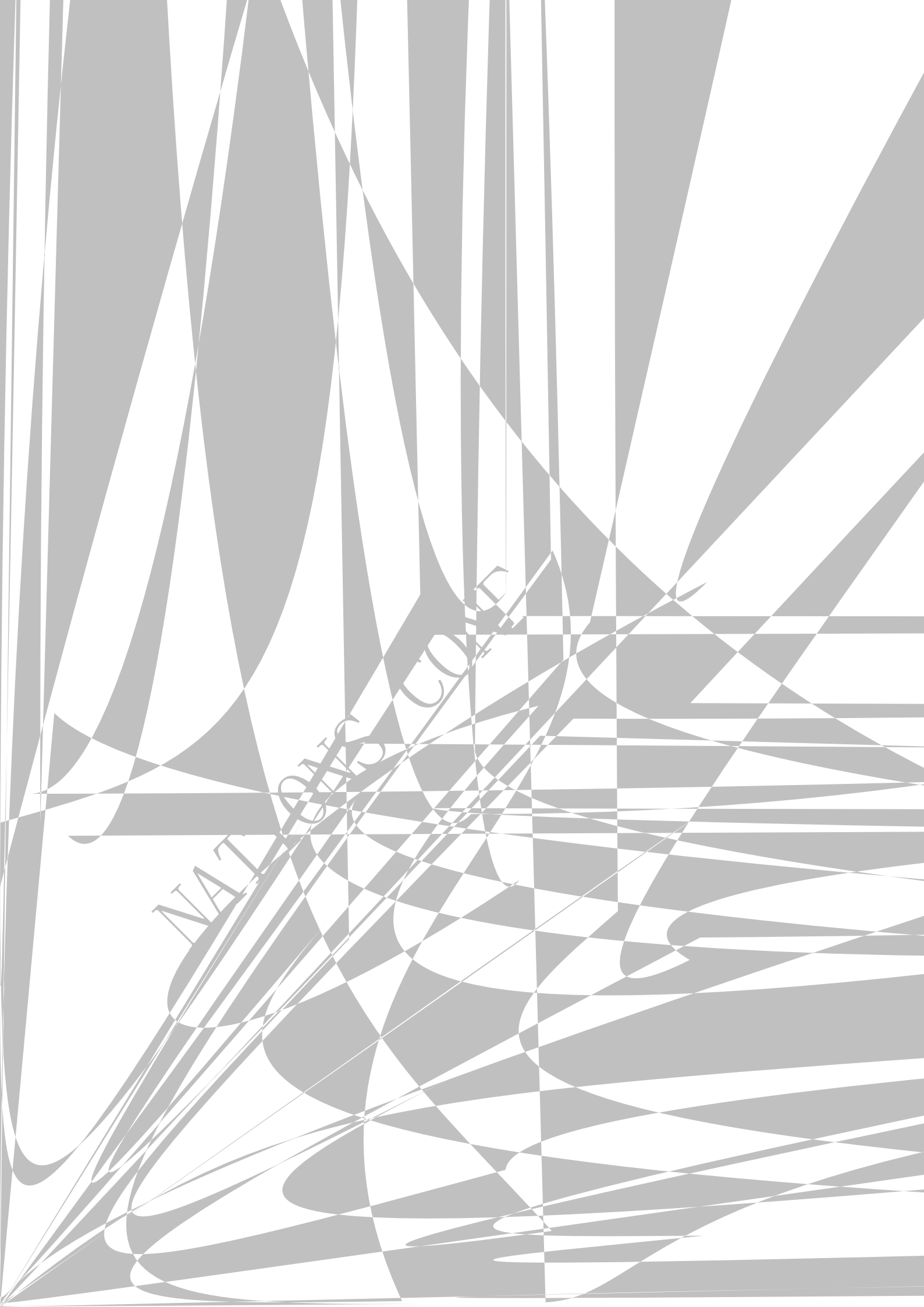


4-1QFN32

4-1

1	I C	I	I C
2	PVDD	P	
3	DVDD	P	

NATIONS C


NATIONAL COPY

NATI

NATIONS CONFIDENTIA

DVDD		PVSS=DVSS=AVSS=TVSS=0V PVDD≤DVDD=AVDD=≤TVDD	2.5	3.3	3.6	V
AVDD						
TVDD			2.5	3.3	5.5	V
SVDD	TSIN TSOUT	VSSA = VSSD = VSS(PVSS) = VSS(TVSS) = 0 V PVDD=SVDD	1.6	-	3.6	V
PVDD		PVSS=DVSS=AVSS=TVSS=0V PVDD≤DVDD=AVDD=≤TVDD	1.6	3.3	3.6	V

6-2

IHPD4		SVDD=AVDD=DVDD=TVDD=PVDD= hard power down	-	0.6	-	uA
ISPD4		SVDD=AVDD=DVDD=TVDD=PVDD= soft power down	-	1.7	-	uA
IIDLE		SVDD=AVDD=DVDD=TVDD=PVDD= idle mode	-	3.5	-	mA

6-3

	-0.4	4	V
	-40	+85	
ESD HBM 1500Ω 100pF	-	2	KV

NATIONS CONFIDENTIAL

N

8

V1.0	2019.2.22	

NATIONS CONFIDENTIAL