

1 0

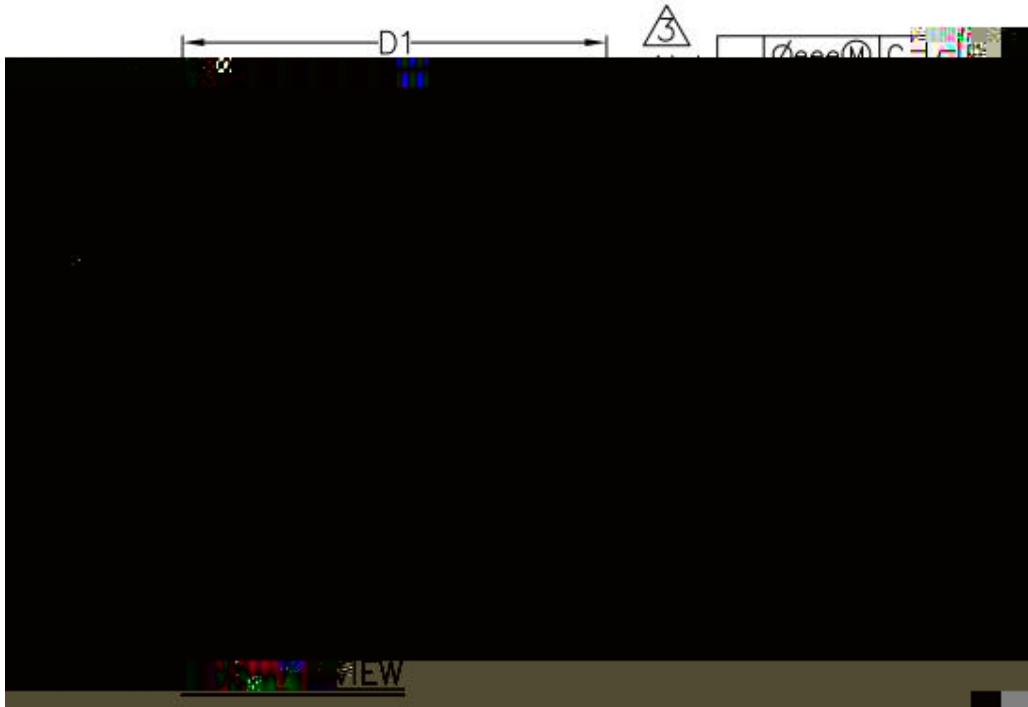
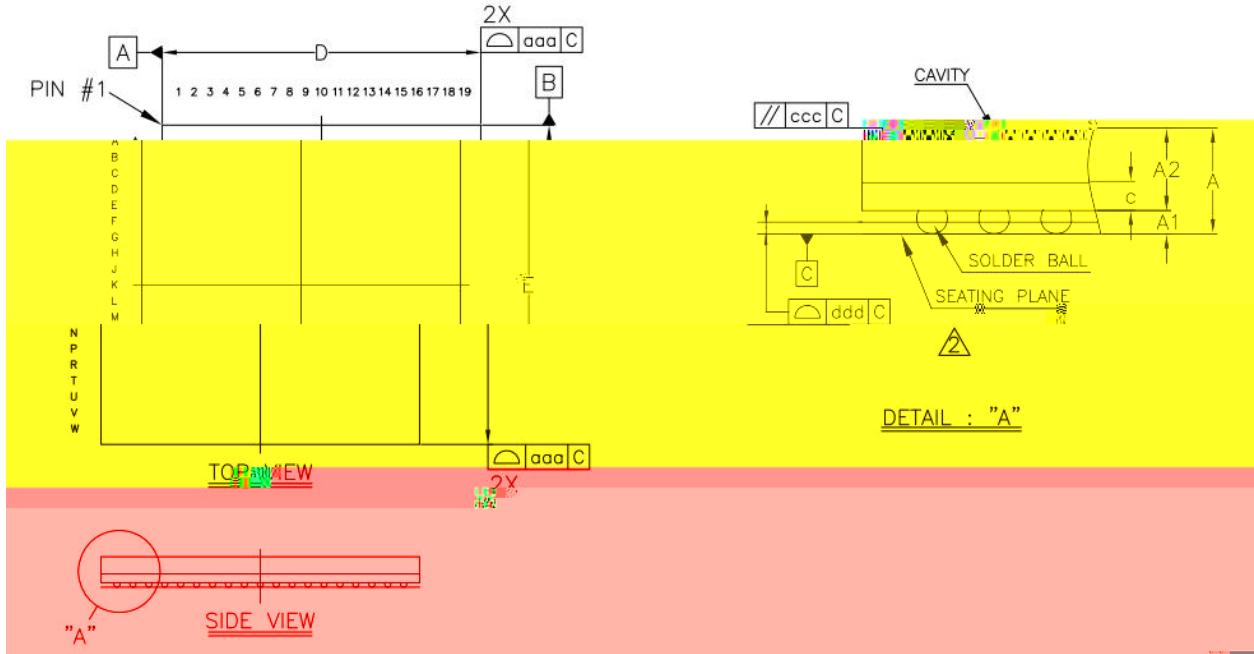
1.4 2024.4

1.



2

2.1

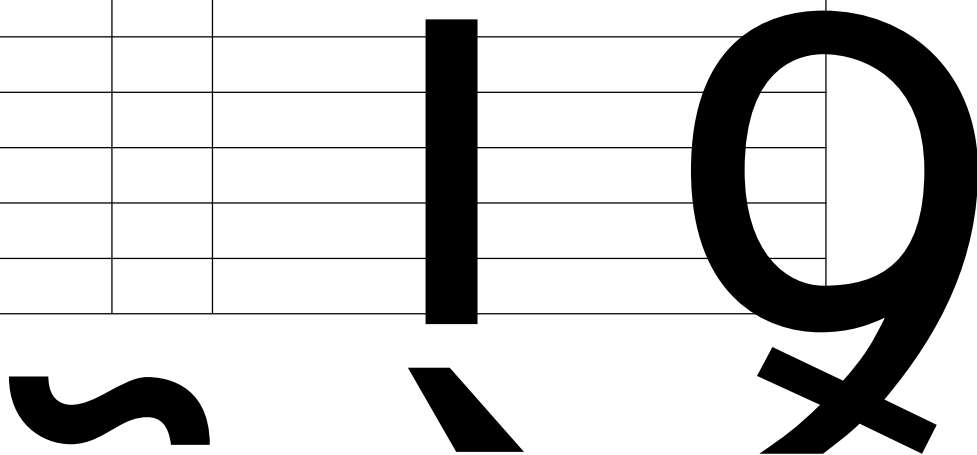


2.3.2

#0



2.3.11



2.3.14

2.3.15

2.3.1

3

3.1

	-65		140	° C
Tj (PN)	-55		125	° C
VCK VCC11A	-0.1	1.1	1.155	V
VCC11A_PE, VCC11A_A10, VCC11A_CEN, VCC11A_PLL	-0.1	1.1	1.155	V
VCC3I Q, VCC33A VCC33	-0.4	3.3	3.7	V
VCC18I O_25V	-0.4	3.3	3.7	V

3.2

	-40		85	° C
VCK VCC11A	1.045	1.1	1.155	V
VCC11A_PE, VCC11A_A10, VCC11A_CEN, VCC11A_PLL	1.045	1.1	1.155	V
VCC3I Q, VCC33A VCC33	3.135	3.3	3.465	V
VCC18I O_25V	3.135	3.3	3.465	V

3.3

I O reference vol tage	Vref		3.0	3.3	3.6	V
I nput l ow vol tage	Vil				0.8	V
I nput hi gh vol tage	Vih		2.0			V
I nput l ow current	Iil	Vin=0V	-20		0	μA
I nput hi gh current	Iih	Vin=Vref - Vref, max	0		200	μA
Output l ow vol tage	Vol	Iol=4mA, Vref=mi n	0		400	mV
Output hi gh vol tage	Voh	I Oh=-4mA, Vref=mi n	2.4		Vref	V

3.4

Tckf	NCSI_REF_CLK Frequency		50		MHz
Rdc	NCSI_REF_CLK duty cycle	35		65	%
Racc	NCSI_REF_CLK accuracy			100	ppm
Tco	Clock-to-out (10 pF \Rightarrow load \leq 50 pF) NCSI_RXD[1:0], NCSI_CSR_DV Data valid from NCSI_REF_CLK rising edge	2.5		12.5	ns
Tsu	NCSI_TXD[1:0], NCSI_TX_EN Data Setup to NCSI_CLK_IN rising edge	3			ns
Thold	NCSI_TXD[1:0], NCSI_TX_EN Data hold from NCSI_REF_CLK rising edge	1			ns
Tor	NCSI_RXD[1:0], NCSI_CSR_DV Output Time rise	0.5		6	ns
Tof	NCSI_RXD[1:0], NCSI_CSR_DV Output Time fall	0.5		6	ns
Tckr/Tckf	NCSI_REF_CLK Rise/Fall Time	0.5		3.5	ns

3.5

Frequency	-	-	25	-	MHz

4

w nbond	V25C80DV
microchip	SST25VF080B
	GD25C80

5

1	VX1860A2		0 - 70 , 40nm 2	2
2	VX1860A4		0 - 70 , 40nm 4	4
3	VX1860AL1		- 40 - 85 , 40nm 1 SM 2 /SM 3 /SM 4	1
4	VX1860AL2		- 40 - 85 , 40nm 2 SM 2 /SM 3 /SM 4	2
5	VX1860AL4		- 40 - 85 , 40nm 4 SM 2 /SM 3 /SM 4	4

1

NO 2
NO N1 N2 N3

NO N1 N2 N3