

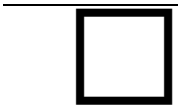
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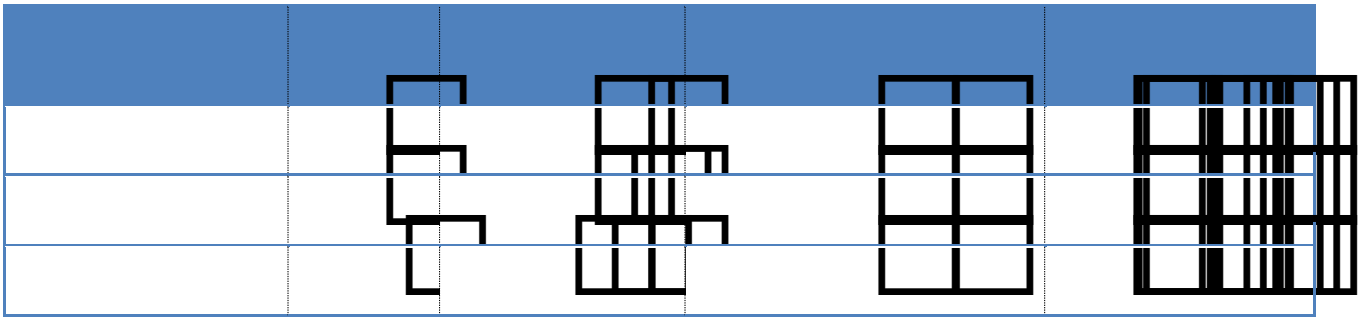
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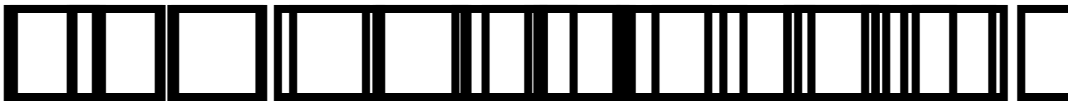


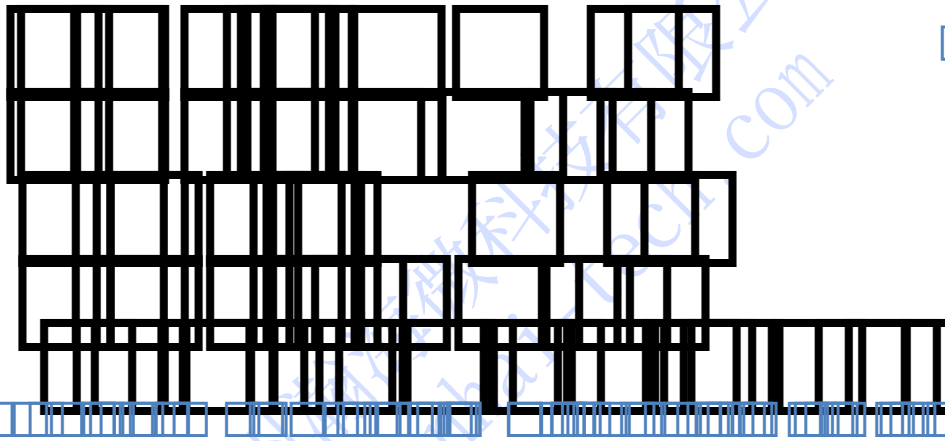
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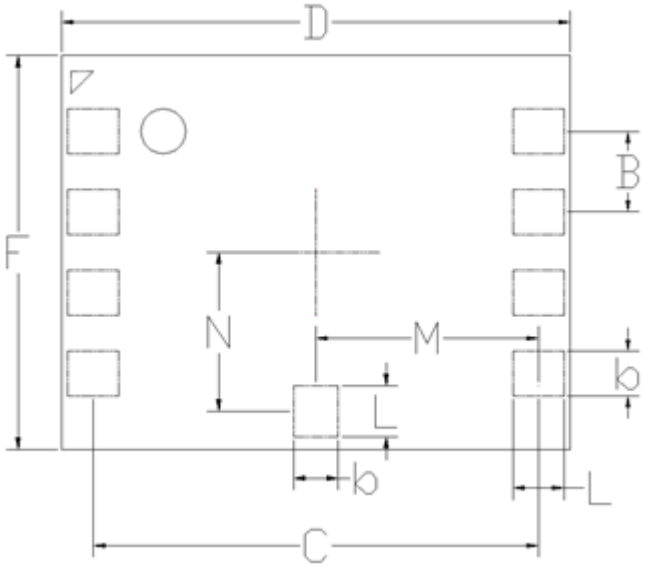








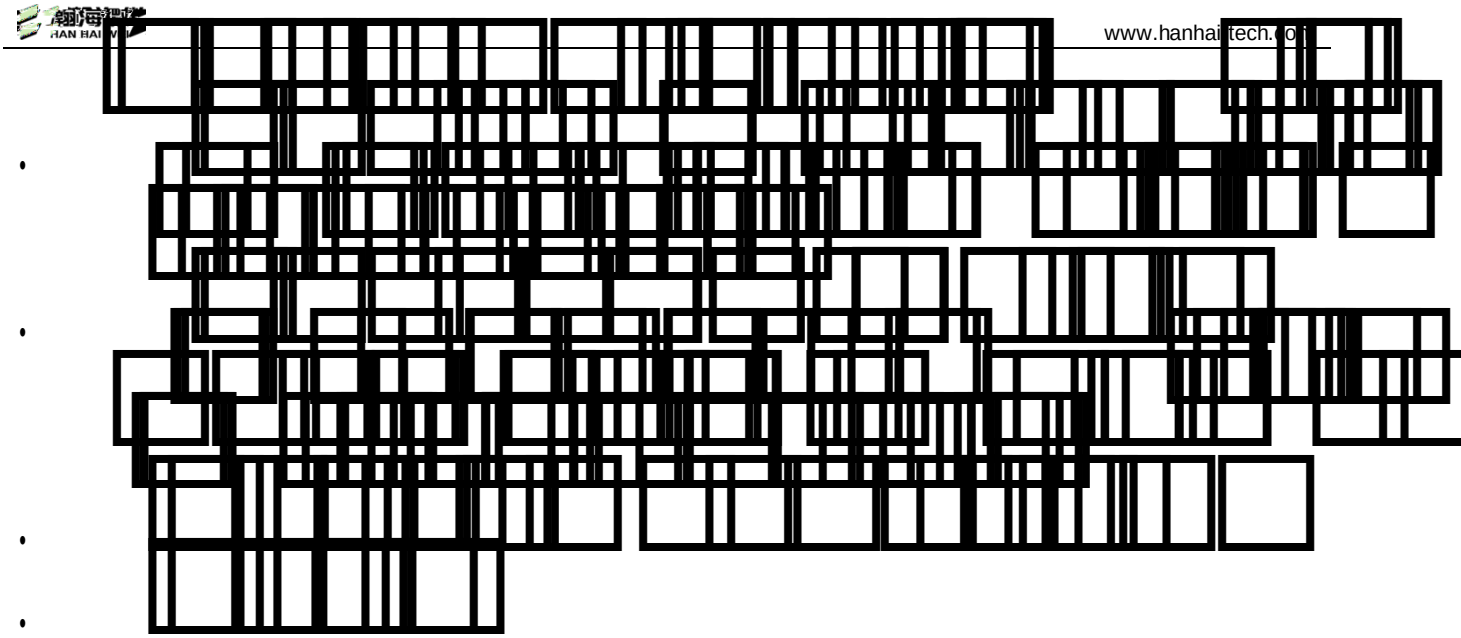
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Common Dimensions				
Symbol	Min	Nom	Max	Note
B	-	1.27(Typ)	-	
D	7.90	8.00	8.10	
E	5.90	6.00	6.10	
F	6.10	6.20	6.30	
H	0.70	0.80	0.90	
M	-	2.5(Typ)	-	
N	-	2.5(Typ)	-	

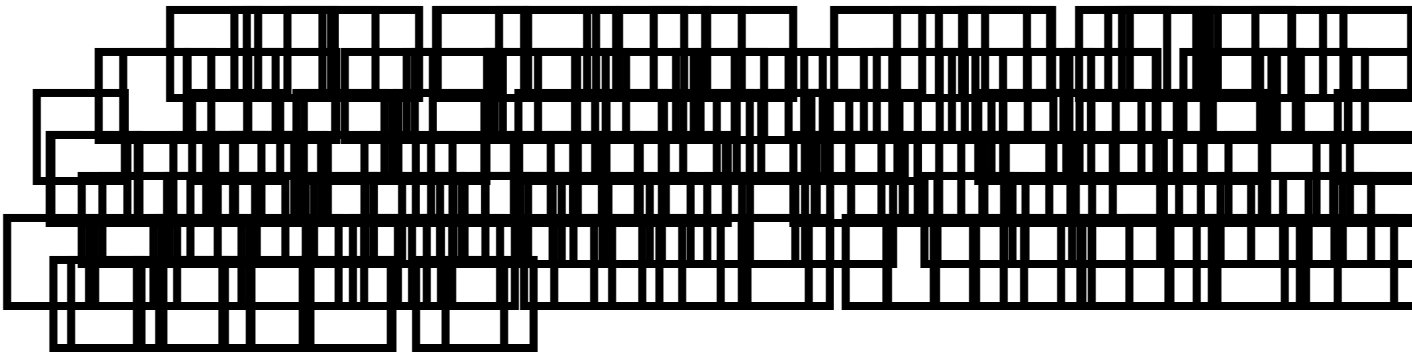
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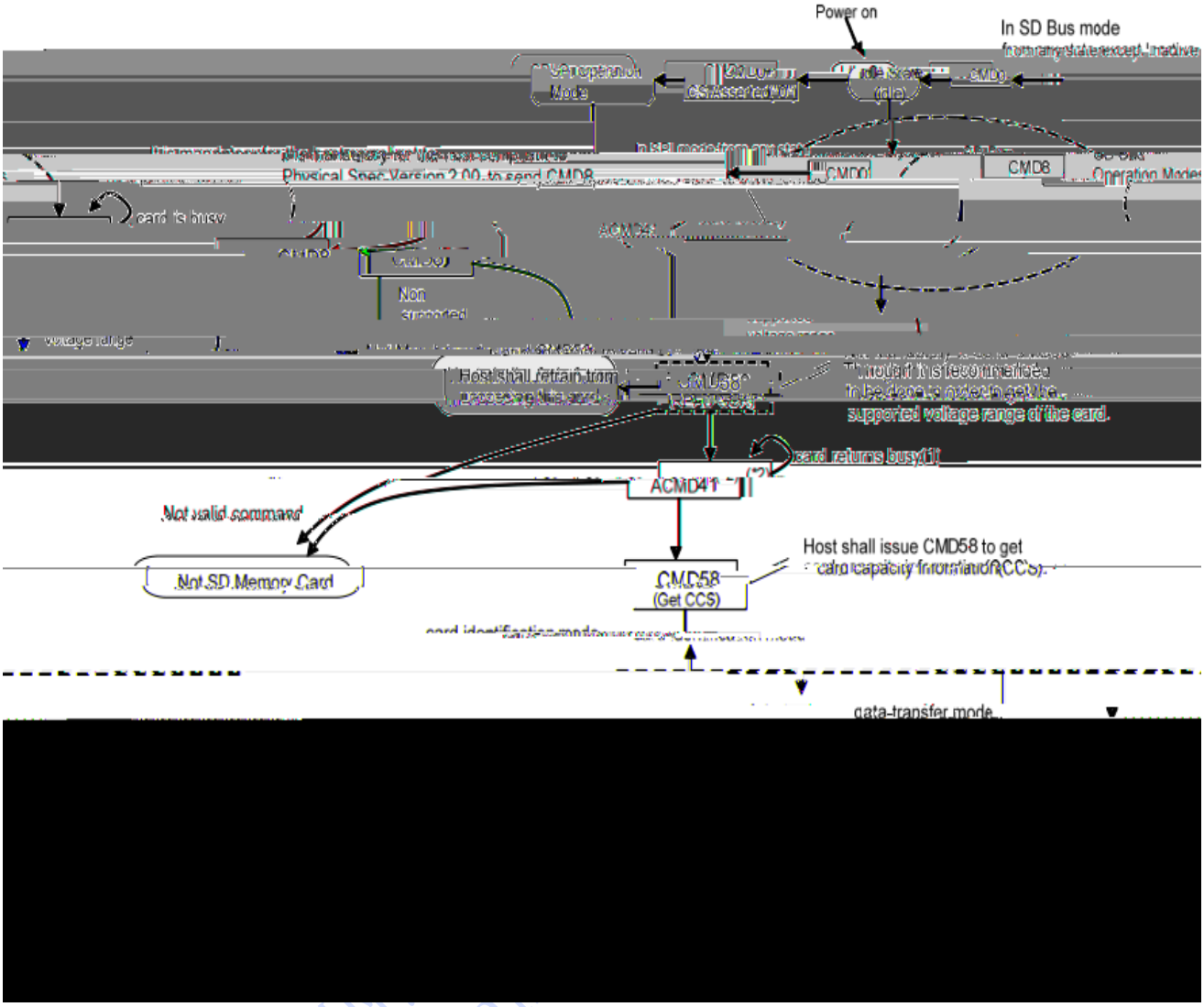
Card Command Class	0	1	2	3	4	5	6	7	8	9	10	11
description	basic	reserved	block read	reserved	block write	write erase	write protection	application specific	I/O mode	switch	reserved	supported command
Mandatory	+											CMD0
Mandatory	+											CMD2
Mandatory	+											CMD3
Mandatory	+											CMD4
Optional									+			CMD5
Mandatory										+		CMD6[2]
												CMD7 Mandatory +
												CMD8[3] Mandatory +
												CMD9 Mandatory +
												CMD10 Mandatory +
												CMD11[5] Optional +
												CMD12 Mandatory +

CMD56	Mandatory									+			
CMD57[2]	Optional											+	
ACMD6	Mandatory									+			
ACMD13	Mandatory									+			

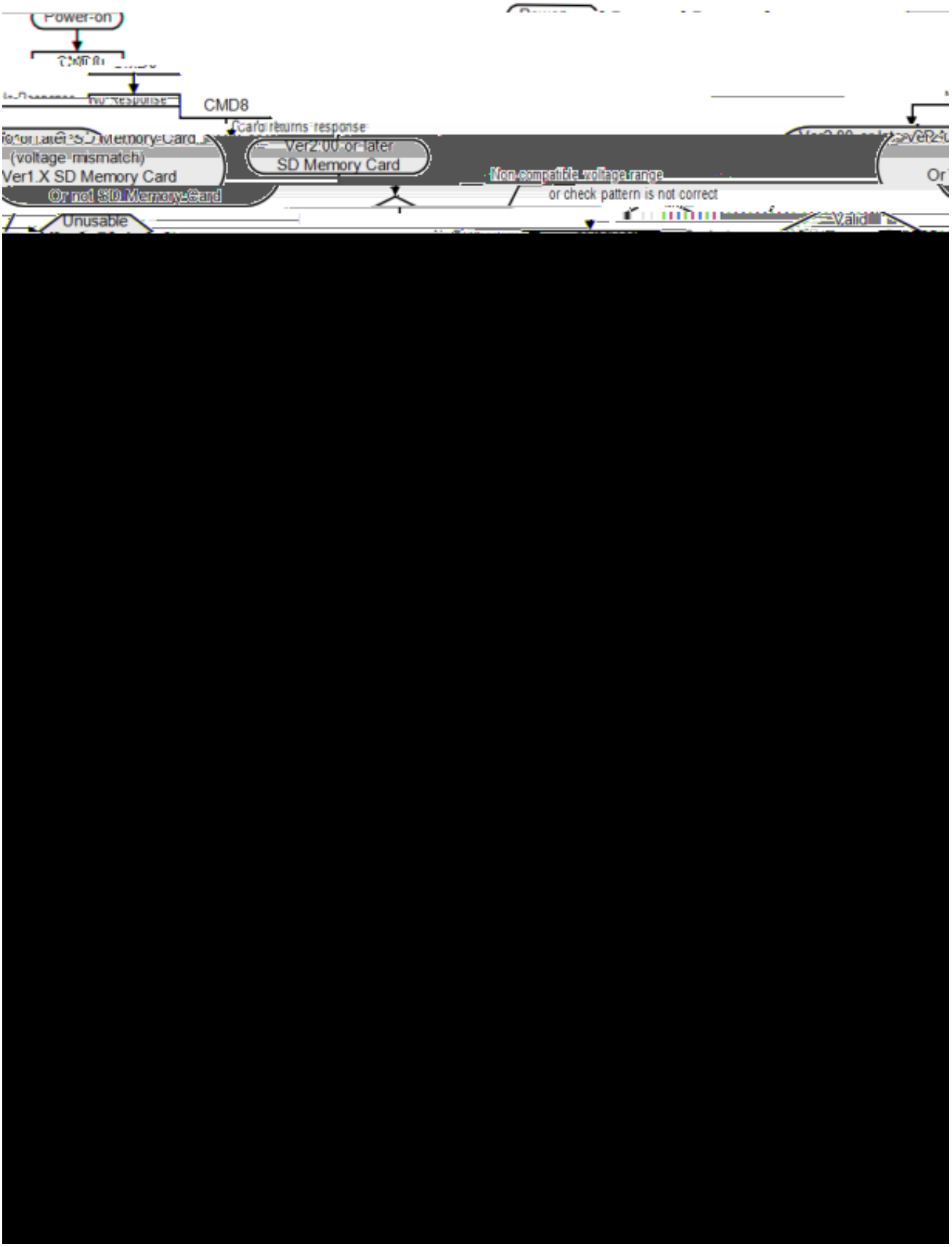


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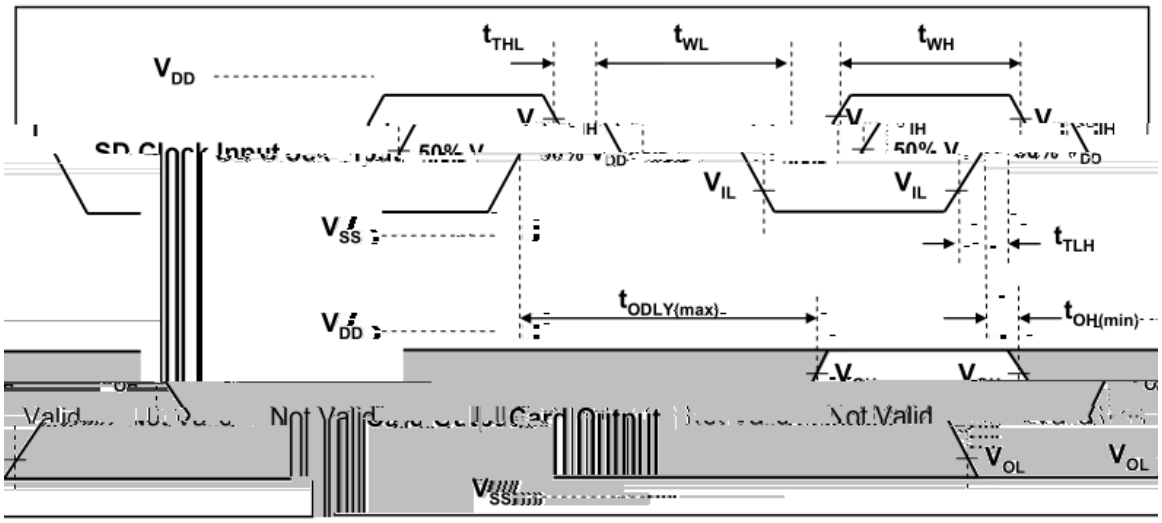
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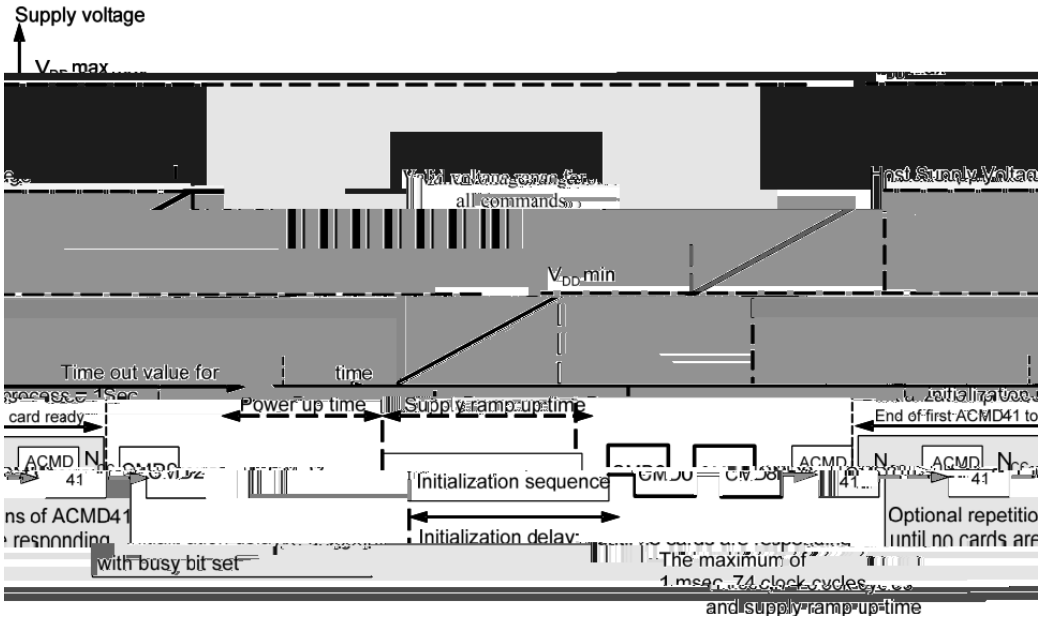
Card State Diagram (SPI mode)

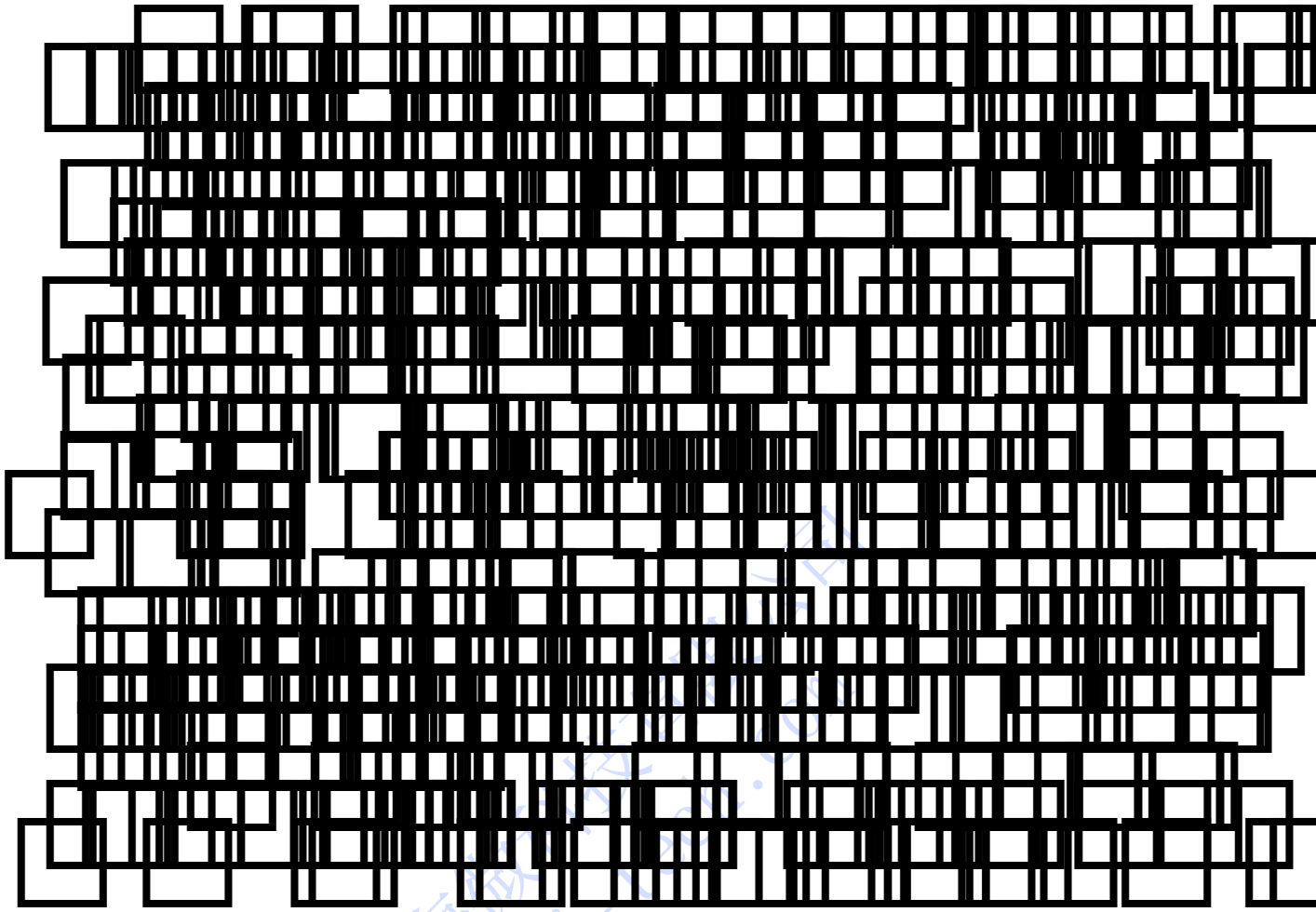

Power-on
CMD8
Card returns response
Ver2.00 or later
SD Memory Card
(voltage mismatch)
Ver1.X SD Memory Card
Or not SD Memory Card
Unusable
Non compatible voltage range
or check pattern is not correct
Valid

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Card Output Timing (High Speed Mode)





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