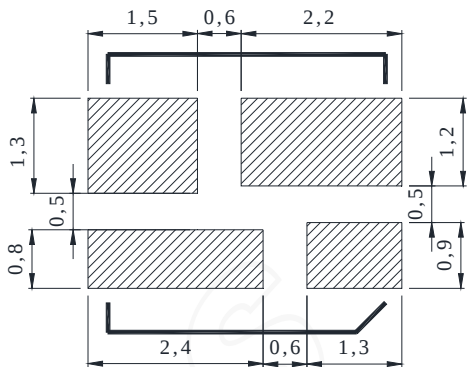
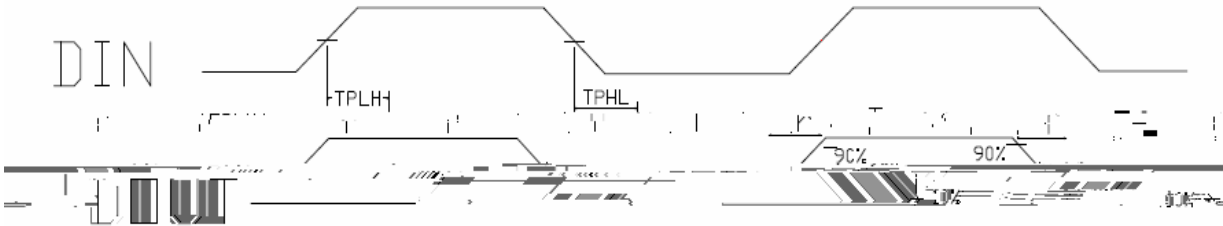


1	DIN		
2	VDD		
3	DOUT		
4	GND		



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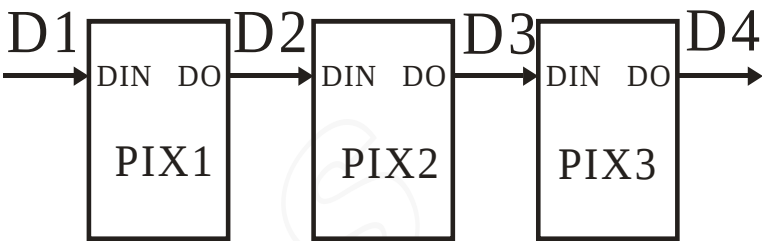
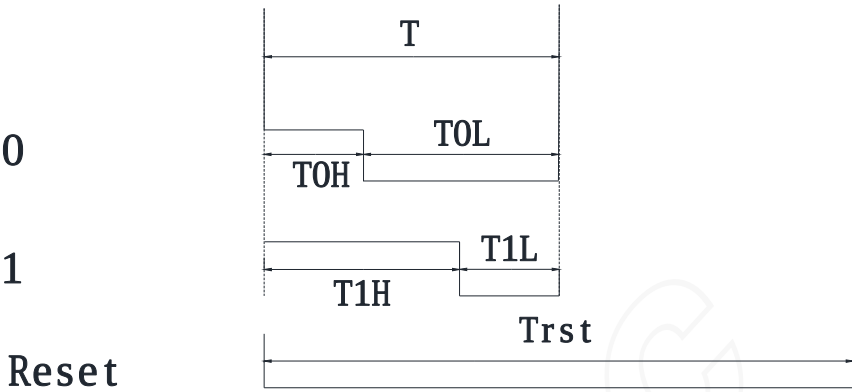
	fDIN	---	800	---	KHZ	67% 1
DOUT	T _{PLH}	---	---	500	ns	DIN→DOUT
	T _{PHL}	---	---	500	ns	
I _{out}	T _r	---	100	---	ns	V _{DS} =1.5V I _{OUT} =13mA I _{out} =5mA
	T _f	---	100	---	ns	



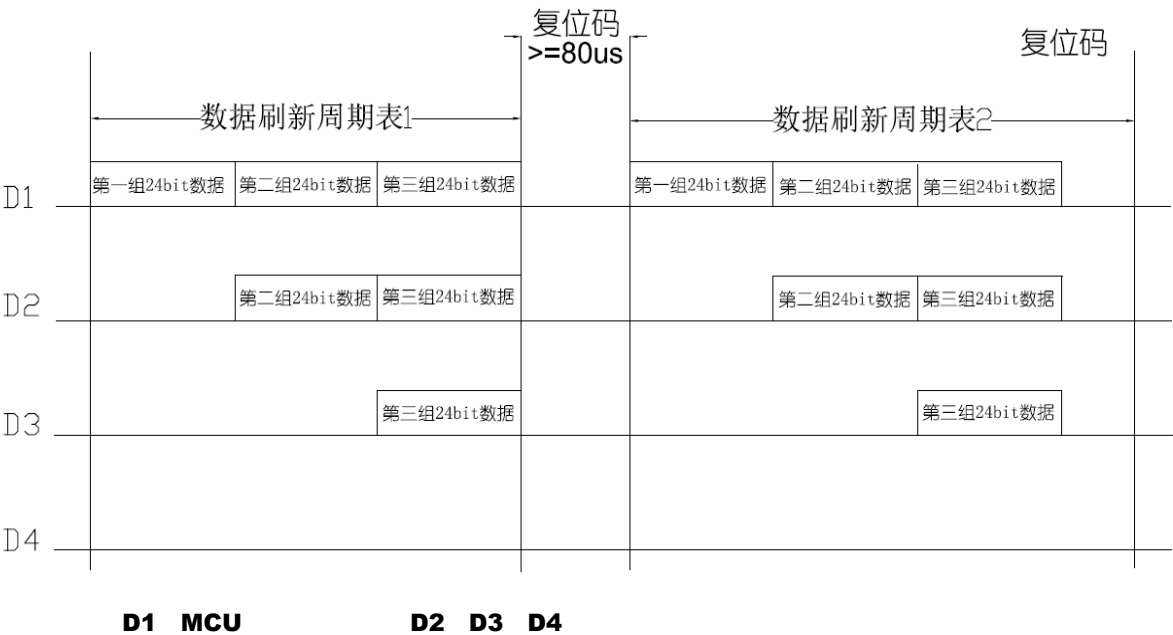
		Min.		Max.	
T		1.20	--	--	μs
T0H	0	0.2	0.3	0.4	μs
T0L	0	0.8	--	--	μs
T1H	1	0.58	0.64	1.0	μs
T1L	1	0.2	--	--	μs
Trst	Reset	>80	--	--	μs

1.
- “ 0 ” “ 1 ”
2. 1.2μs
3. “0” “1” “0” “1” 20μs.

ΔžqŶ ħ



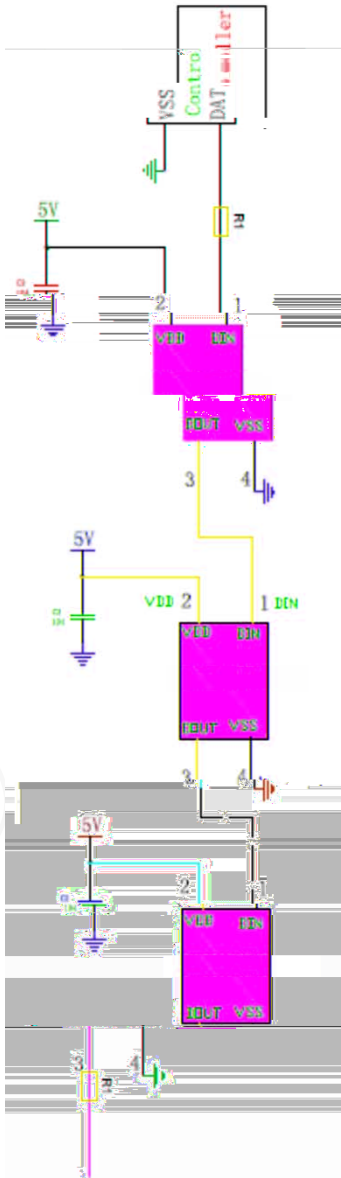
ΔžqŶ ħ



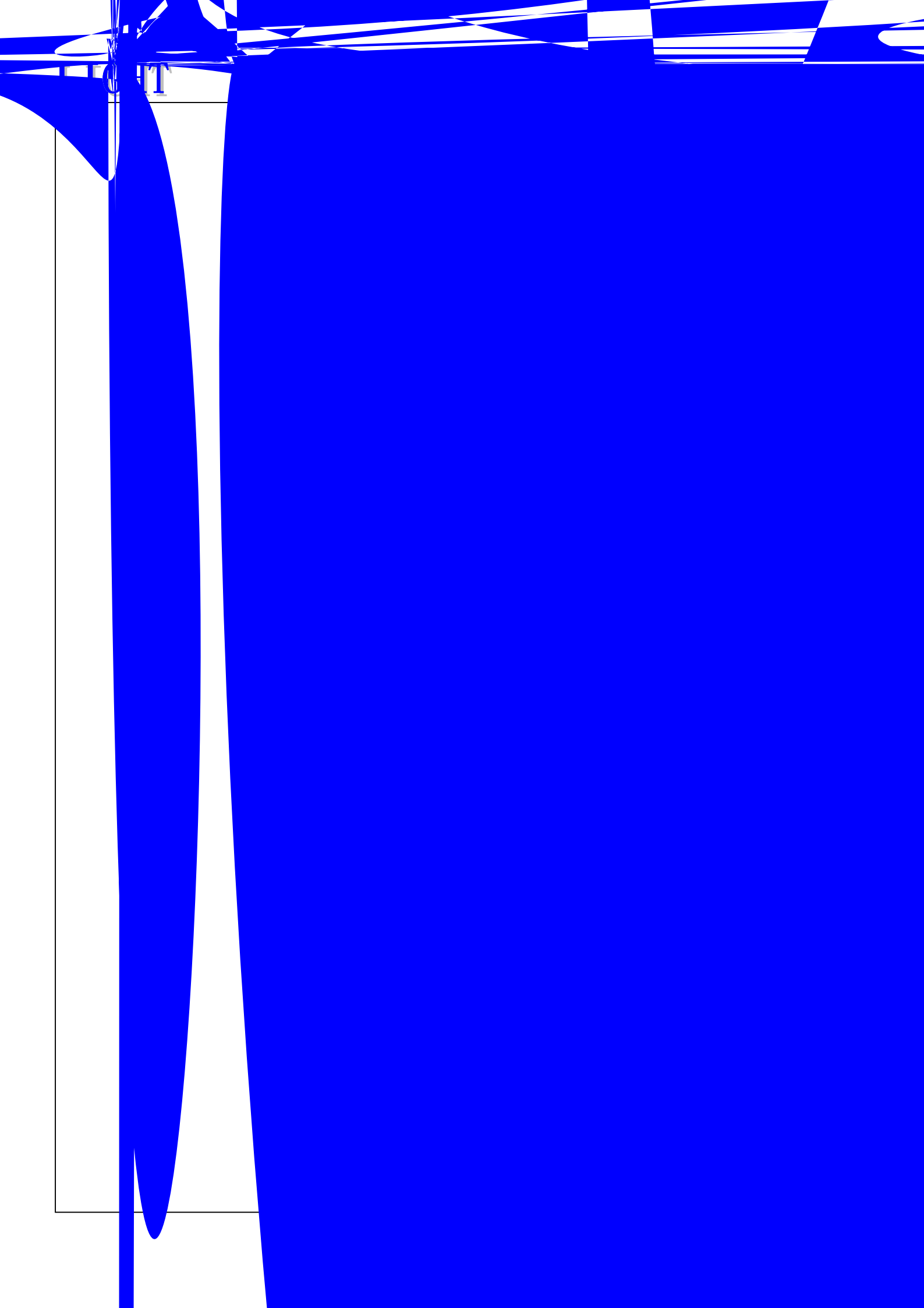
ΔžųŶ ħ

G7	G6	G5	G4	G3	G2	G1	G0	R7	R6	R5	R4
R3	R2	R1	R0	B7	B6	B5	B4	B3	B2	B1	B0

GRB (G7 → G6 →.....B0)



500





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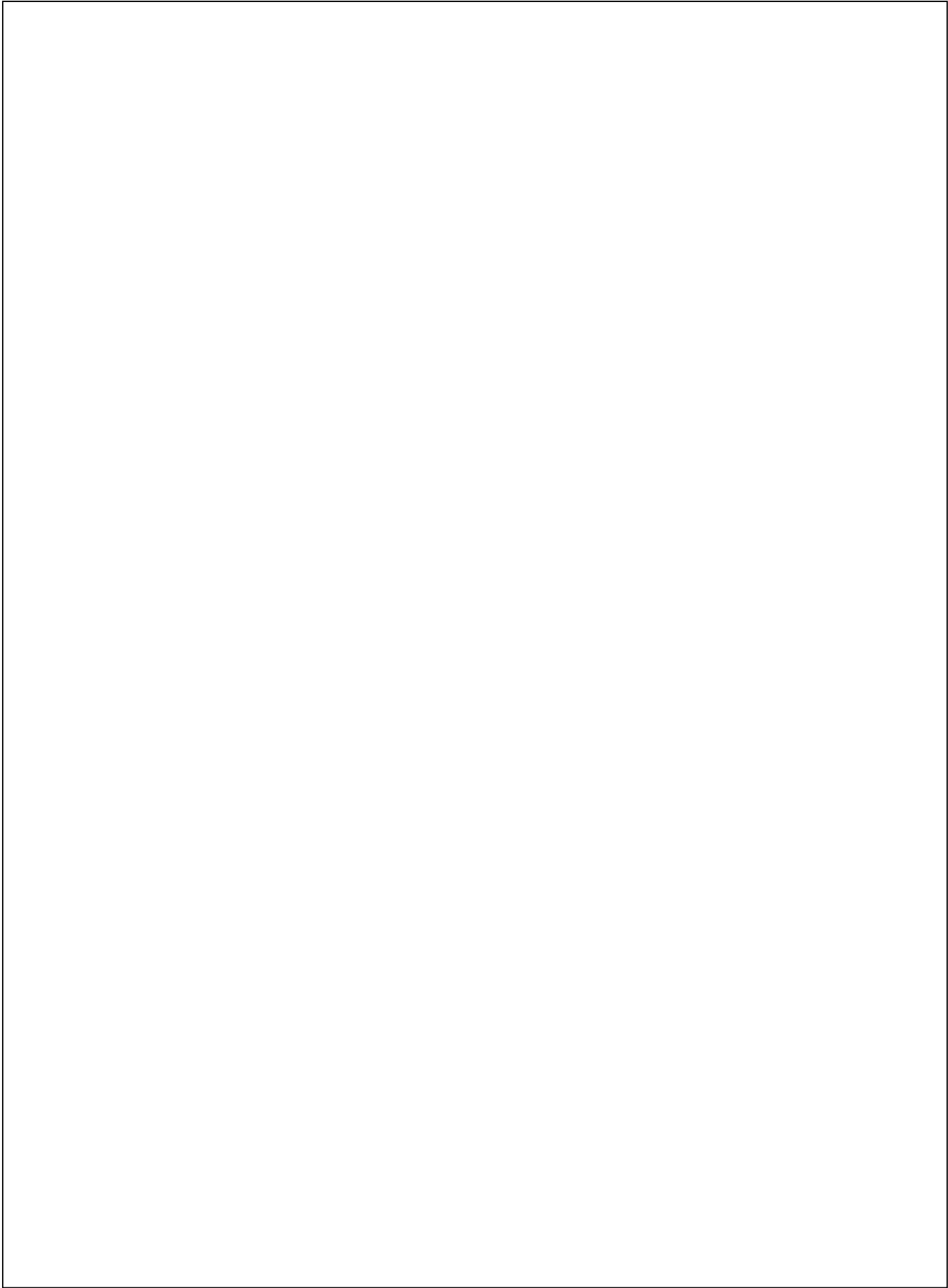
1		100 ± 5 ° C ~ -40 ° C ± 5 ° C 30min~30min 300cycles	MIL-STD-202G	0/22
2		Ta= +100°C 1000hrs	JEITA ED-4701 200 201	0/22
3		Ta= -40°C 1000hrs	JEITA ED-4701 200 202	0/22
4		Ta=60°C RH=90% 1000hrs	JEITA ED-4701 100 103	0/22
5		-55°C~25°C~100°C~25°C 30min~5min~30min~5min 100 cycles	JEITA ED-4701 100 105	0/22
6		Tsld = 260 ° C, 10sec. 3 times	JEITA ED-4701 300 301	0/22
7		25 ° C, IF: Typical current , 1000hrs	JESD22-A 108D	0/22

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	IV	DC=5V,	X0.7	---
	---	DC=5V,		

LIGHT

LIGHT ELECTRONICS CO., LTD.



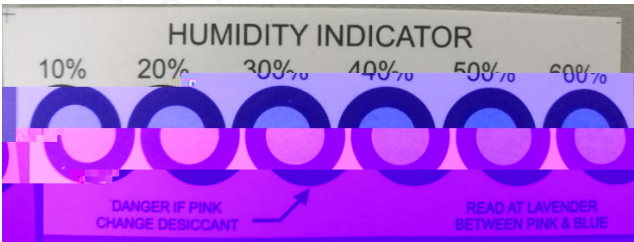
LED SMT
TOP SMD <30mm
PCB SMT

0.5H

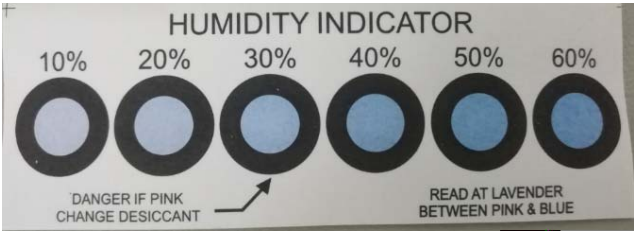
PCB

PCB
SMT

- TOP SMD LED
- a. 10% LED
 - b. 10% 20%
 - c. 10% 20% 30%



10% 20%



10% 20% 30%

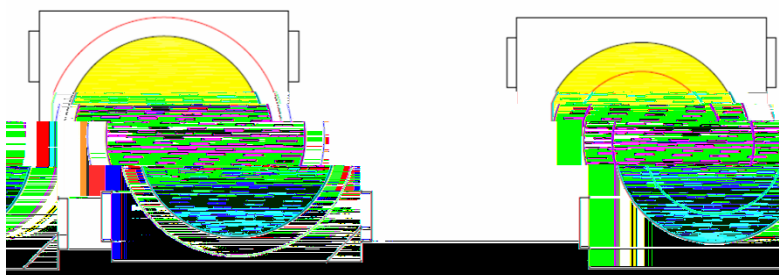
LIGHT

LIGHT ELECTRONICS CO., LTD.



$\hat{u}^* X_{\Pi \Delta x} \quad \hat{p}^0$	$\hat{w}^0$	$\hat{w}^0$
$\hat{u}^* X_{\Pi P} \hat{U}$	Угн	Угн
$\hat{u}^* X_{\Pi \Delta x} \hat{U}$	Угн	угн
$\hat{u}^* X_{\Pi P} \quad \Psi X_{\Pi \Delta x} \hat{U}$	җанУқн	җанУгн
$\hat{u}^* - \hat{U}$	Угн	уУг
$\hat{u}^* - \hat{U}$	җанУгн	җанУгн
$\hat{U} \quad \hat{u}^* - \hat{U}$	уУг	угн
$\hat{u}^* \hat{p} \hat{U}$	Жгн	Жгн
	$\hat{y}^0$	$\hat{y}^0$
уУг	$\hat{y}$	$\hat{y}$

. SMT



PCB

LED

0.5T
LEDs

PCB

PCB



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