5 é / Dþ

(8) 2 * @ 8 ©%² . Ä å 3 5 9 , + : % -eO P ‘ / Ìož ¥ / Ì À Ä ³ o z ô y ³ o z Š Ä å 3 5 9 , + :ož ¥ / Ì Ä - 9o• - vo• y 9o• y vo• ½o• ? è ˆ _ ¾ ‘ ˆ k G ‘ / ¶ k ä | ª W •ož

(8) 2 * @ 8 J * , 4 ˜ (2 / x kÙ Q ¬ }%² Š y%² k• â ¿ • l kW • ¶ U ´ož

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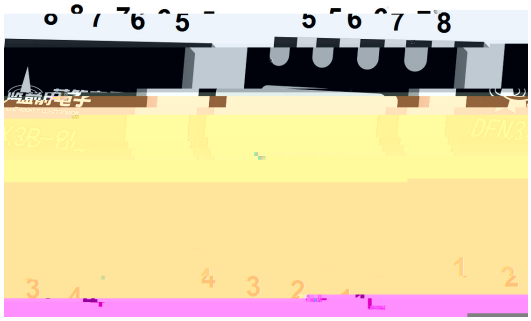
‹ Ä å S S 3 5 9 , + : z
‹ * , 4 ˜ (2 / x z
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‹ Ý 4 ² Á v v ' z
‹ Ý 4 g 2 v v '
‹ —)í D }ož

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% -eO Y ÿ U - P Á k % -eO ü ` Ò U - P Áož
9 O T M R K R O Z N O [S O U T X K I N G X M K G H R K HRG_ZSZKKXX_X KVIGNIGQX MYKOGTHMRRKK HRGOZZZ

À ¹ € Ð Ô · ¢

h Þ y Š 8 P < Š › Q 4 Q 4) P < › [, k N / e / Ì Ü ¬ t k / Ì 3 o W •ož ò ç P } µD k Š 8 À 1ož



– ÚZ 6OT 4[SH	– df KX6OT 4GSK	– ª¢ 6OT *KYIXOVZOUT
	VDD	›€
	-4*	/Ìª kN P/¿â

<3

Ã a ? d / AbMiRTa25 ;)

@ f/Parameter	… Z/Symbol	f › /Value	% y/Unit
V_{DD} input pin voltage	V_{IN}	-0.3 to +8	V
V_{VM} input pin voltage	V_{VM}	-8 to +10	V
Maximum Junction Temperature	T_J	-40 to +145	
Storage Temperature	T_{stg}	-55 to +145	
ESD g HBM Mode h	ESD	f 4000	V

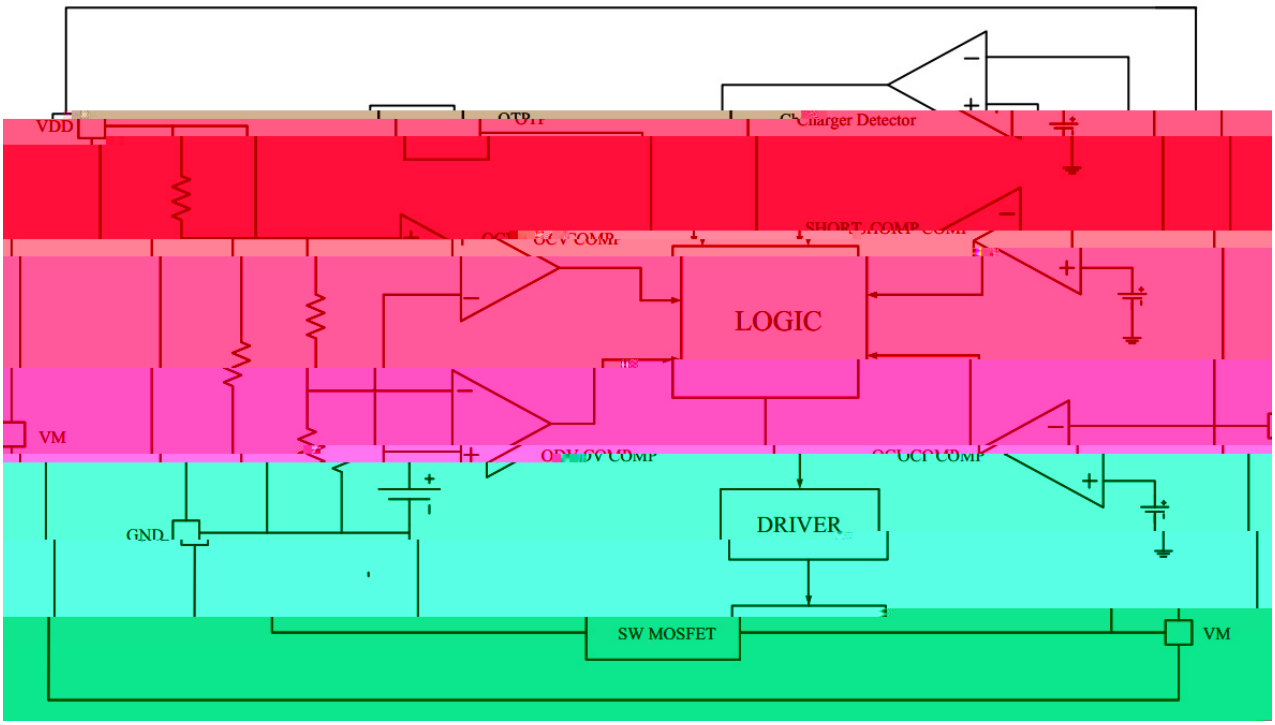
Ô4ì × ? d / EtCqUtTa25 ;)

@ f Parameter	… Z Symbol	y ¡ Ú ^ Test Condition	Â 4 › Min	Á º › Typ	Â Ý › Max	% y Unit
Pt						
Supply Voltage	V_{DD}		0		6	V
Charger input voltage	V_M		-6		6	V
Dt						
Overcharge Detection Voltage	V_{OCV}		4.25	4.3	4.35	V
Overcharge Release Voltage	V_{OCR}		4.04	4.10	4.16	V
Overdischarge Detection Voltage	V_{ODV}		2.30	2.40	2.50	V
Overdischarge Release Voltage	V_{ODR}		2.90	3.00	3.10	V
Dt						
Overdischarge Current Detection	I_{OCI}		9	11.5	14	A
Load Short-Circuiting Detection	I_{SHORT}		15	25	35	A
Overcharge Current Detection	I_{CHA}		7	10	13	A
St						
Current Consumption in Normal Operation	I_{OPE}	V_M=0V		3.5	7	A
Current Consumption in Dormancy	I_{PDN}	V_{DD}=1.8V		0.6	1.5	A
PlupPluCtoVM						
Internal pull-up current	I_{PU}			14		A
Internal pull-down current	I_{PD}	V_M=1V		14		A
EtFET nRa						
Equivalent FET on Resistance	R_{DS}	I_{VM}=1A	12.5	16	18	m

Ô4ì × ? d / EtCh c , ¤ ï g Ta25 ;)

@ ƒ Parameter	… Z Symbol	y ¡ Ú ^ Test Condition	Â 4 › Min	Á º › Typ	Â Ý › Max	% y Unit
Ot						
Over-temperature protection	OTP			145		
Over-temperature protection release temperature	OTPR			120		
D						
Overcharge Voltage Detection Delay Time	T_{OCV}			100		ms
Overdischarge Voltage Detection Delay Time	T_{ODV}			100		ms
Overdischarge Current1 Detection Delay Time	T_{IOV1}			8		ms
Overdischarge Current2 Detection Delay Time	T_{IOV2}			2		ms
Load Short-Circuiting Detection Delay Time	T_{SHORT}			150		ms

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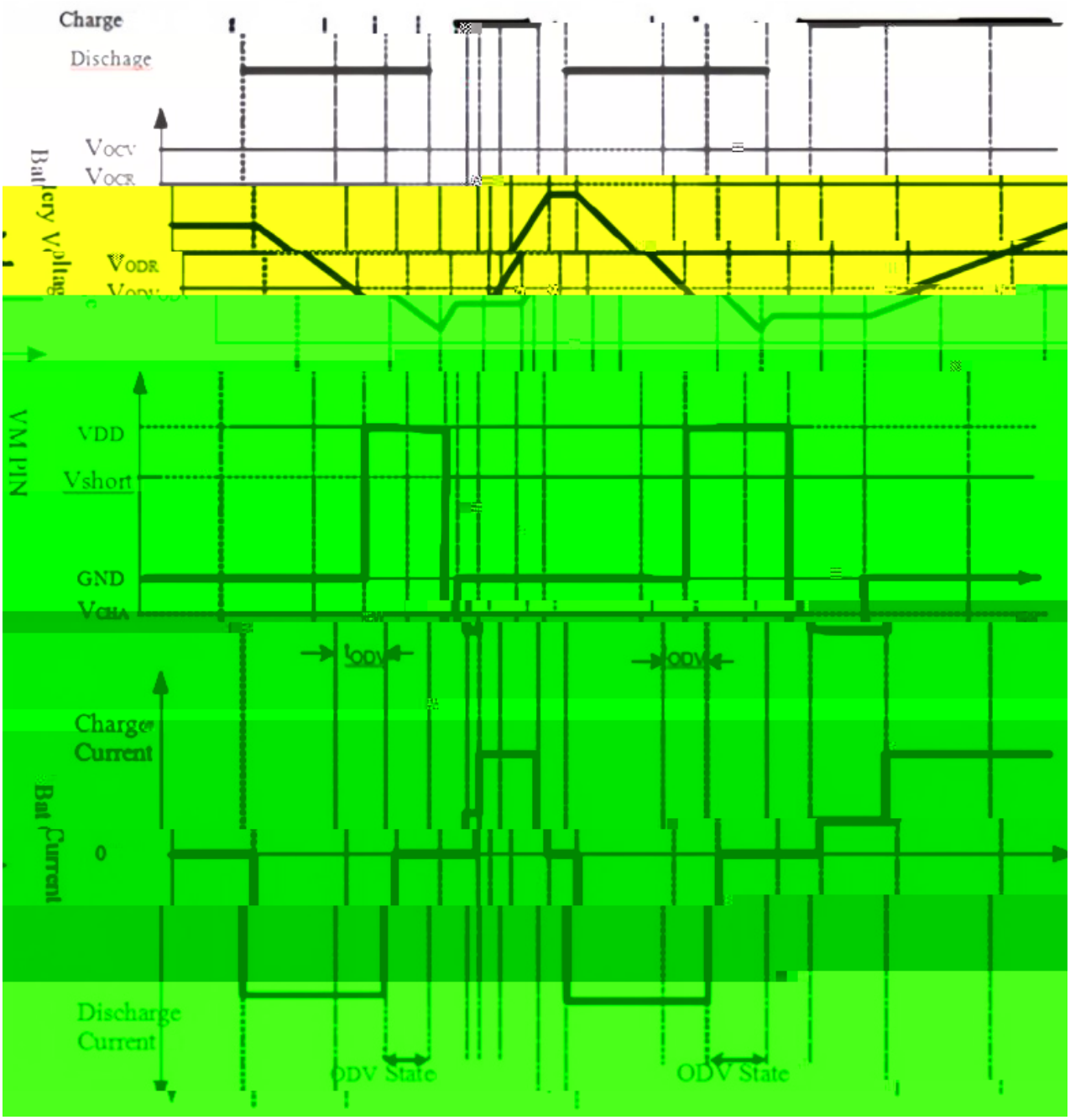
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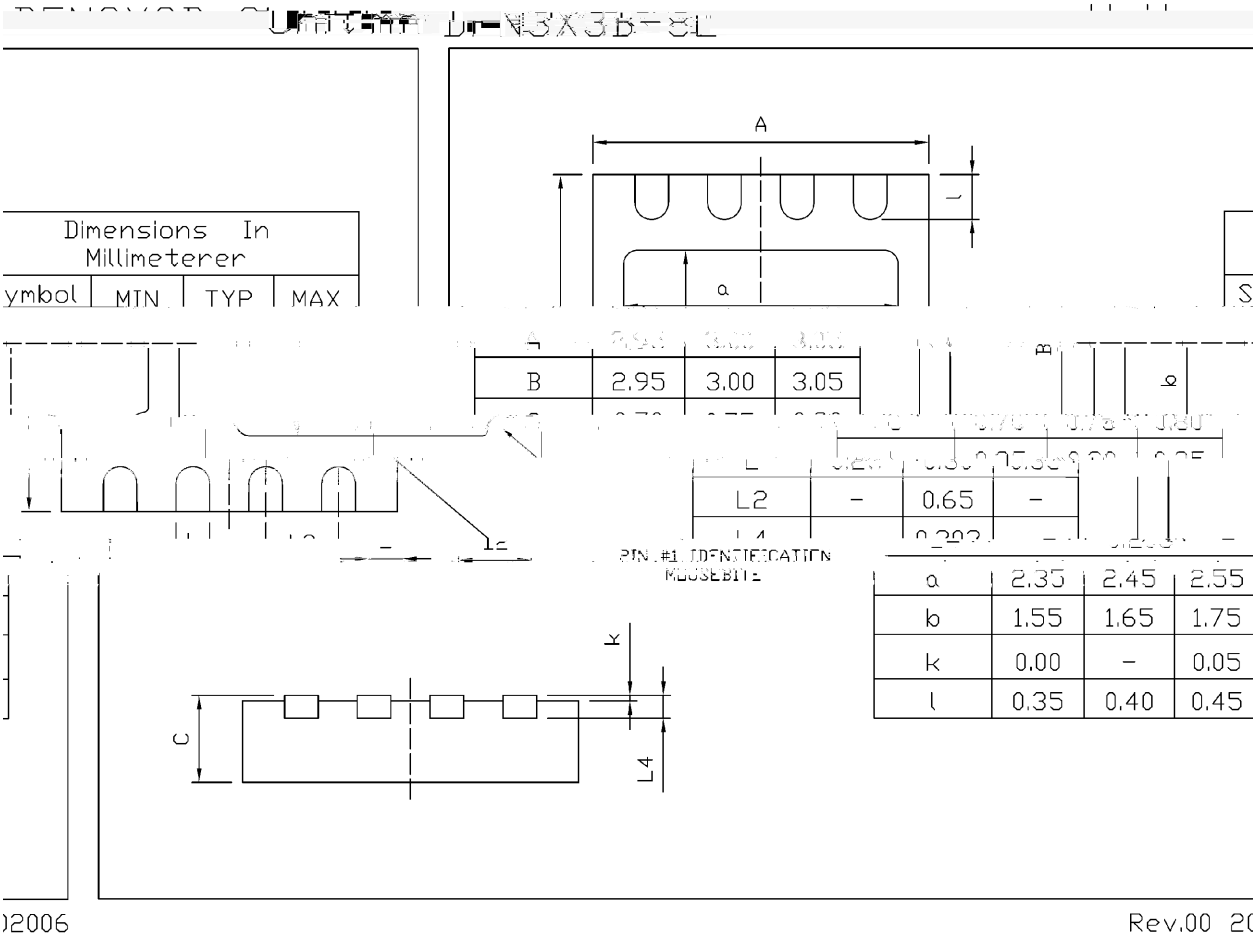
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• } ¢ TgCha

Ú Z ` ¬ Ô ` n V € Olg ` Cg ` NbOp



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Dimensions In Millimeterer
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TYP
MAX
B
2.95
3.00
3.05
L2
-
0.65
-
PIN #1 IDENTIFICATION
MOUSEBITE
a
2.35
2.45
2.55
b
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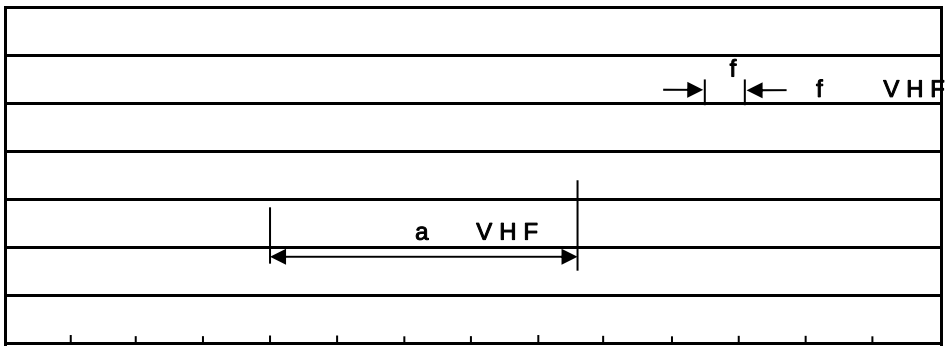
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š WD t … • Ž ¢ (x /) / : K S V K X G Z [X K 6 X U L O R K L U X / 8 8 K L R U] 9 U R J K X O T M 6



p P A• 0 A• À 1± D p P ip 0 2'g9 ˆX0@1• pt P 0 0 hR"Uv' S f &pPÐ p #

ª ¢ y

1o• Ä ½ “ † 150 ½180 - k ž • 60 ½90sec;

2o• Q › “ † 245 r5 - k ž • 4 Ò 5 r0.5sec;

3o•D N ò i Ò 0 , † 2 ½10 - /sec.

Note:

1.Preheating:150~180 - , Time:60~90sec.

2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.

3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »] / Re Sl He Te Cl

“ † y 260 r5 - ž • y 10 r1 sec. Temp.:260±5 Time:10±1 sec

G P á / Pk SPEC.

2 & x / REEL

Package Type 7>û ˜ E	Units ;>û ¦H					Dimension ;>û p . (unit Æmm³)		
	Units/Reel / --	Reels/Inner Box -- /-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box×	Outer Box1ç
DFN3×3B-8L	5,000	2	10,000	6	60,000	13 s ×12	360×360×50	380×335×366

„ Ð y ƒ / Nb

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