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P-MOSFET ʇ i ɟ ɔ ʇ ɟ ɹ ʅ ɯ ɔ ɟ ɟ ʇ ɔ ɔ 4.2V
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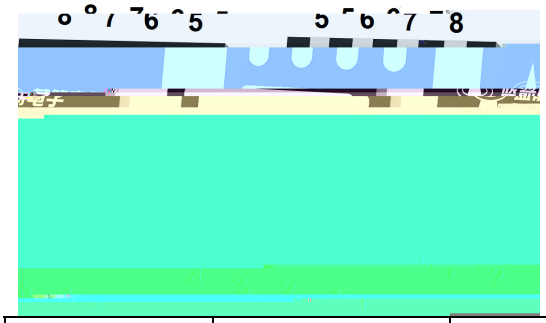
/ Pinning



PIN Num.	Symbol	Function
1	TEMP	
2	SUR J	
3	GND	
4	VDD	
5	BAT	
6	STDBY	
7	CHRG	
8	CE	

/ Absolute Maximum Ratings(Ta=25)

PARAMETER	SYMBOL	RATINGS	UNITS
VDD/CHRG/STDBY Pin Voltage	$V_{VDD/CHRG/STDBY}$	-0.3~36	V
VCE Pin Voltage	V_{CE}	-0.3~32	
BAT Pin Voltage	V_{BAT}	-5~15	
PROG Pin Voltage	V_{PROG}	-0.3~6	
TEMP Pin Voltage	V_{TEMP}	-0.3~15	
Operating Ambient Temperature Range	T_{OP}	-40~+85	°C
Storage Temperature	T_{stg}	-55~+150	°C
Lead Temperature (Soldering, 10s)	T_{solder}	260	°C
ESD	HBM	2000	V
	MM	200	V

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Indicator Pin Status CHRG/STDBY						
CHRG Pin Output Current	I_{CHRG}	V_{DD}=5V;V_{CHRG}=1V	1	2.5	5	mA

/ Function description

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UVLO ڍ ㅏ ب Ψ VDD ₆ ɔ ɔ ≈200mV ㄎㄖ j گ

BRCL4058NZR ڑ ص ı Ǎ ㄎㄖ ㄹ ص ㄱ VDDɔ ٨ص
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BRCL4058NZR ◖ ت ↑ ~ ڑ ㄱ CHRG STDBY ɔ ɔ ↑
CHRGą Ⱨɔ STDBY ≈گ ɔ ă~ ت CHRG STDBYʯu ≈گ
♂ ♁ j ɾ ↑ ~ ı Ǎ j ɾ ㊣ ↑ ~ ڑ ㄱ

↑	CHRG/ ~ ♂	STDBY/ ~ ♂
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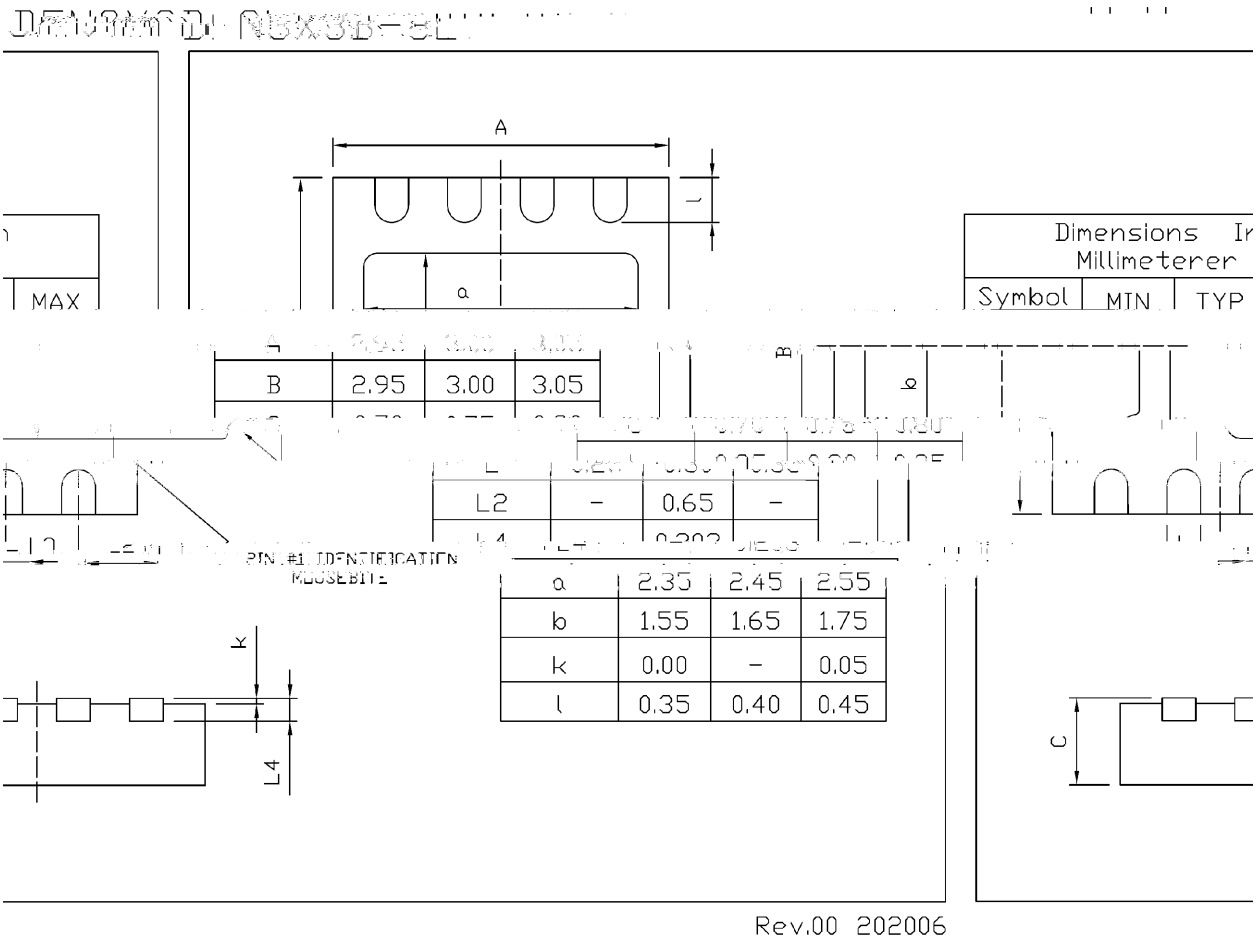
YGG j ɔ	ڈ ♣	

/ Package Dimensions



/ Marking Instructions



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