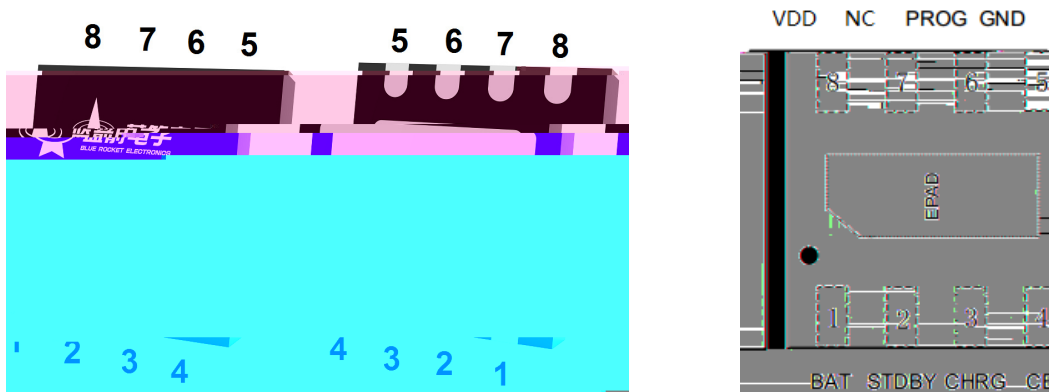


/ Pinning



PIN Num.	Symbol	Function
1	BAT	⊗ - ⌋, 1
2	STDBY	⊗ - ⌋, 2
3	CHRG	⊗ - ⌋, 3
4	CE	⊗ - ⌋, 4
5	GND	⊗ - ⌋, 5
6	SUR J	⊗ - ⌋, 6
7	NC	⊗ - ⌋, 7
8	VDD	⊗ - ⌋, 8
EPAD	GND	GND

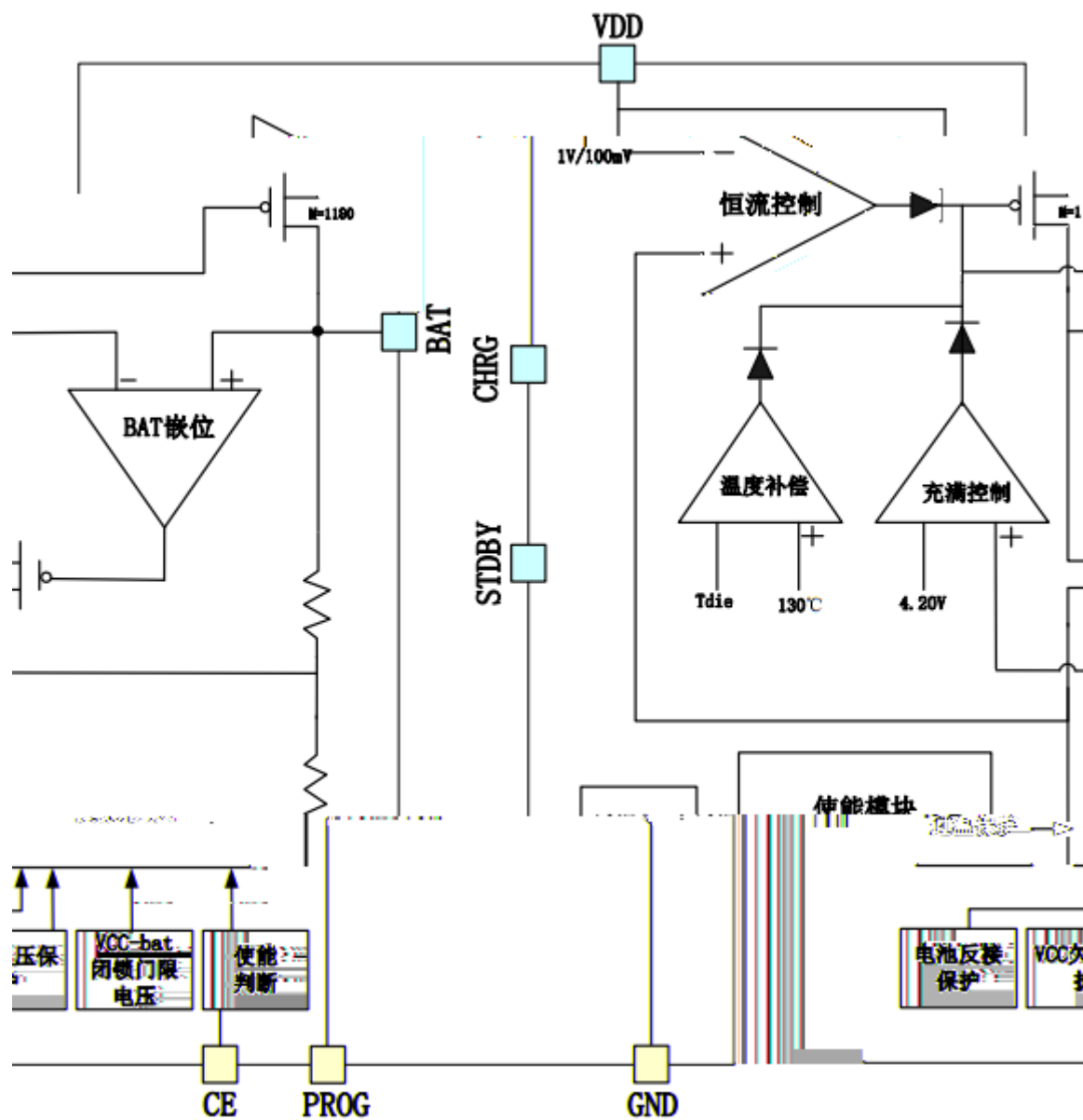
/ Absolute Maximum Ratings(Ta=25)

PARAMETER	SYMBOL	RATINGS	UNITS
Input Supply Voltage	V _{DD}	-0.3~30	V
CHRG Pin Voltage	V _{CHRG}	-0.3~30	
STDBY Pin Voltage	V _{STDBY}	-0.3~30	
CE Pin Voltage	V _{CE}	-0.3~6	
PROG Pin Voltage	V _{PROG}	-0.3~6	
BAT Pin Voltage	V _{BAT}	-0.3~20	
Operating Ambient Temperature Range	T _A	-40~85	°C
Junction Temperature	T _J	150	°C
Storage Temperature	T _{stg}	-55~150	°C
Lead Temperature (Soldering, 10s)	T _{solder}	260	°C
ESD	HBM	2000	V

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Input Supply Voltage			4.5	5.0	6.0	V
Input Over-Voltage Protection Voltage	V_{ovp}	V_{DD} Rising	6.3	6.9	7.5	V
Input Over-Voltage Protection Voltage Hysteresis	ΔV_{OVP}	V_{DD} from High to Low		500		mV
V_{CC} Under voltage Lockout Threshold	V_{UVL}	V_{DD} from Low to High		3.5		V
V_{CC} Under voltage Lockout Hysteresis	ΔV_{UVL}	V_{DD} from High to Low		200		mV
Input Supply Current	I_{CC}	Charge Mode, $R_{PROG}=1.62\text{ K}$		90	180	μA
		Standby Mode (Charge Terminated)		60	120	
		Shutdown Mode: R_{PROG} Not Connected, $V_{DD}<V_{BAT}$, or $V_{DD}<V_{UVL}$: $CE=GND,OVP$		60	120	



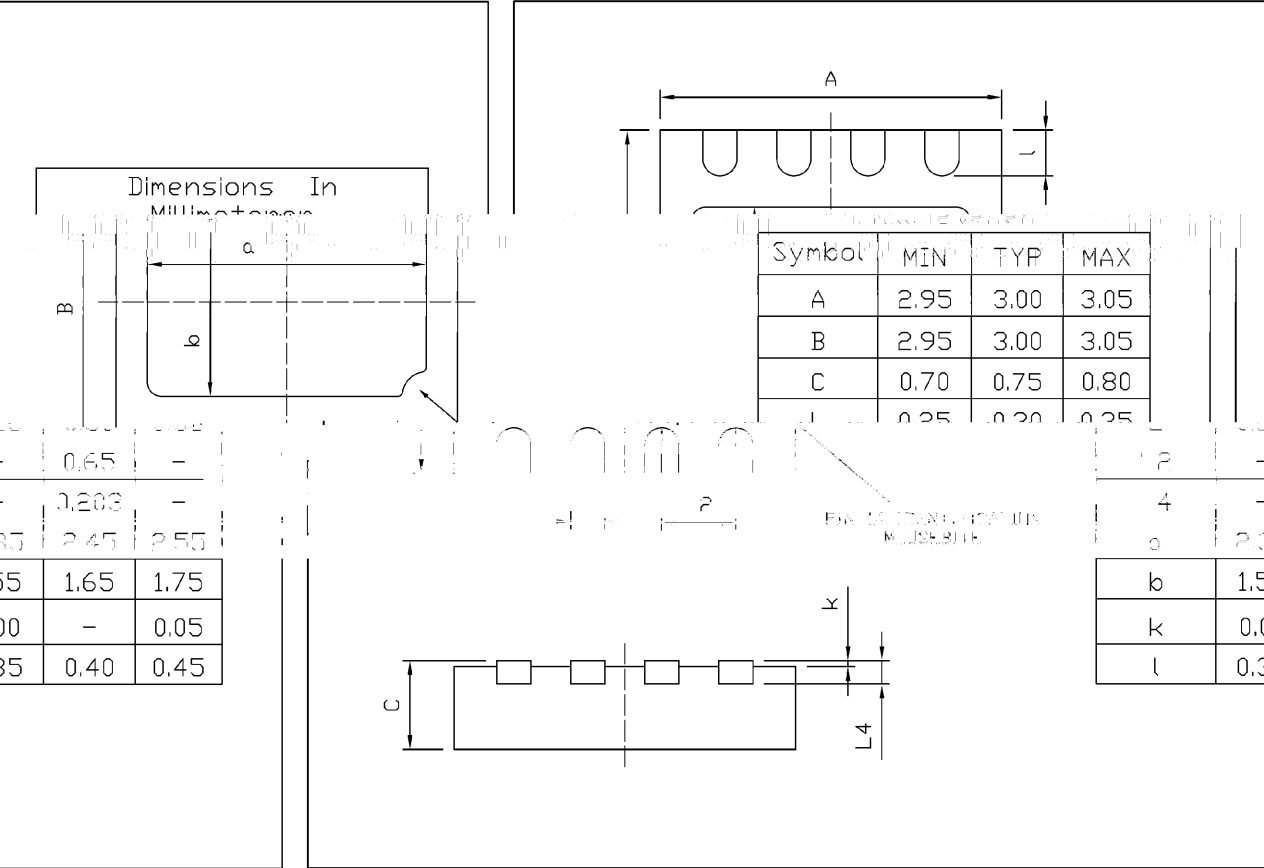
/ Principle block diagram



I Package Dimensions

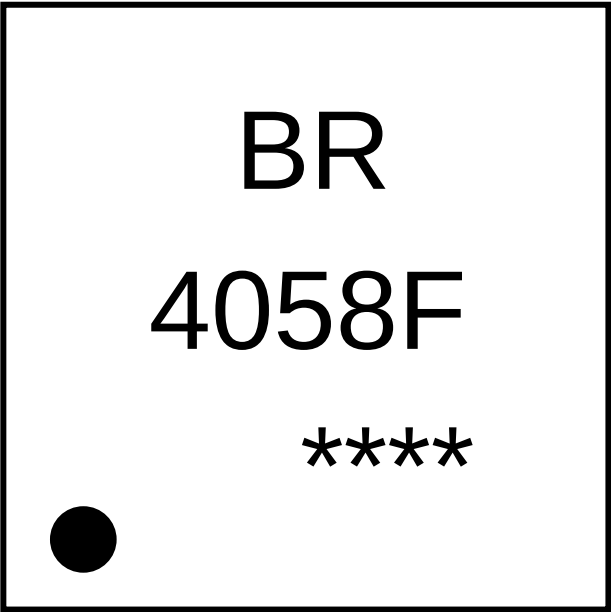
DFN3X3B-8I

Unit:mm



Rev.00 202006

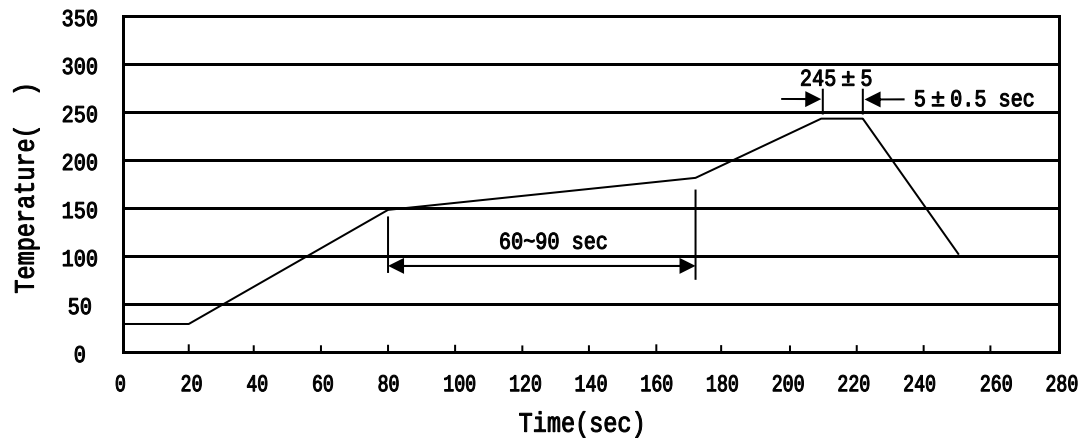
/ Marking Instructions



寸 寸 X	
BR X	公司代码
738; I X	产品型号
---- X	批次号 1 6 1 F 0 N 0 0

Note:

BR:	Company Code
4058F:	Product Type
****:	Lot No. Code, code change with Lot No


() / Temperature Profile for IR Reflow Soldering(Pb-Free)


℃

1. 150~180℃, Time: 60~90sec;

2. 245 ± 5℃, Time: 5 ± 0.5sec;

3. Cooling Speed: 2~10℃/sec.

Note:

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

2. Peak Temp.: 245 ± 5℃, Duration: 5 ± 0.5sec.

3. Cooling Speed: 2~10℃/sec.

/ Resistance to Soldering Heat Test Conditions

260 ± 5℃

Time: 10 ± 1 sec.

Temp.: 260 ± 5℃

Time: 10 ± 1 sec

/ Packaging SPEC.

REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
DFN3×3B-8L	5,000	2	10,000	6	60,000	13 × 12	360×360×50	380×335×366

/ Notices