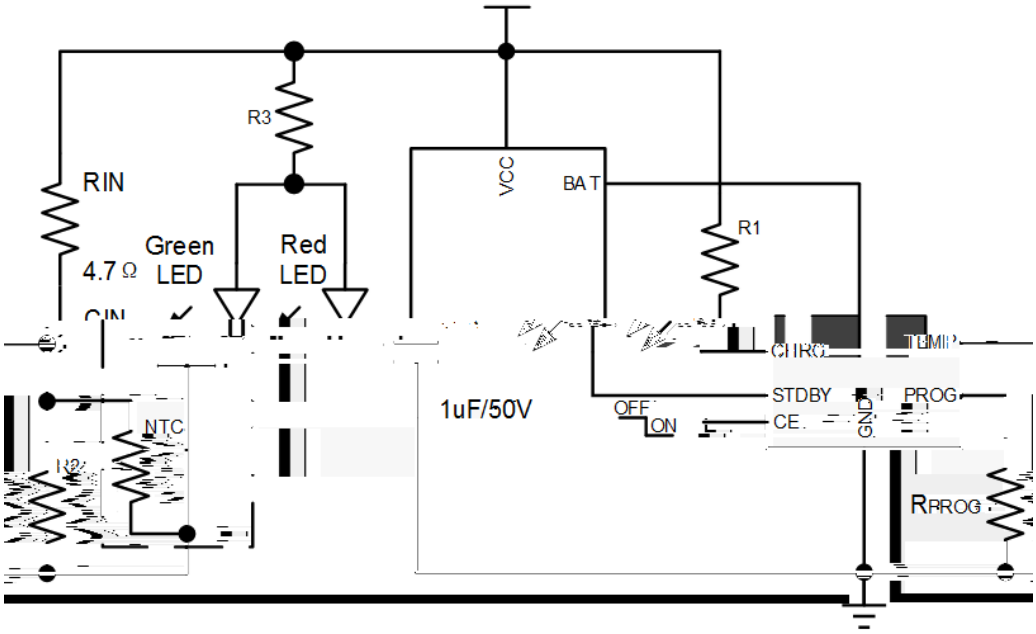
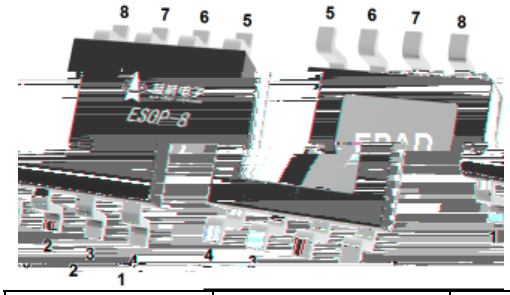


1 VCC VCC CIN 4.7Ω VCC

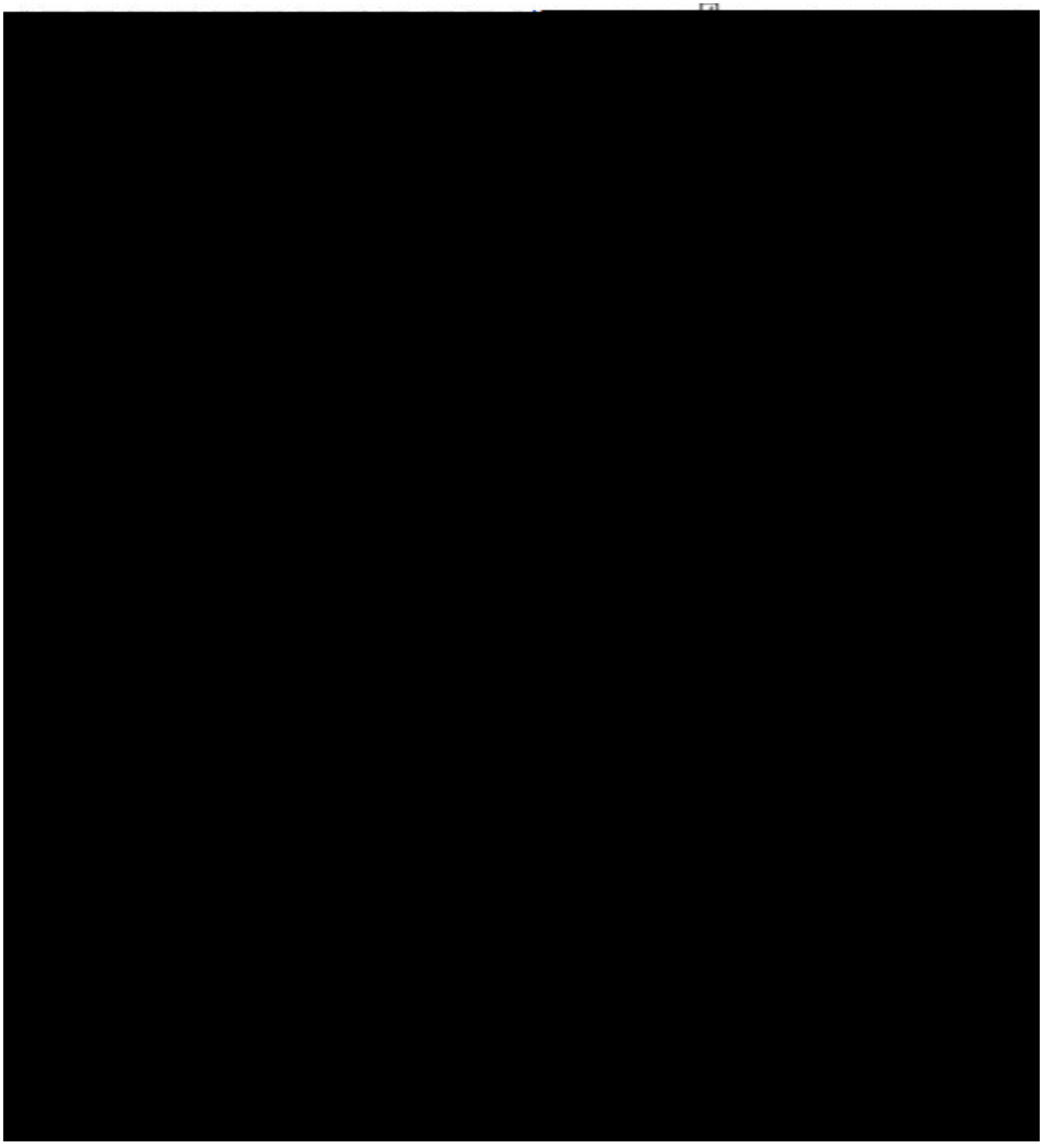
2 CE MCU CE GND BRCL4079SE-4.2 CE VCC



	PROG	GND

						μ
						μ
						μ
						μ
						μ
						μ
						μ

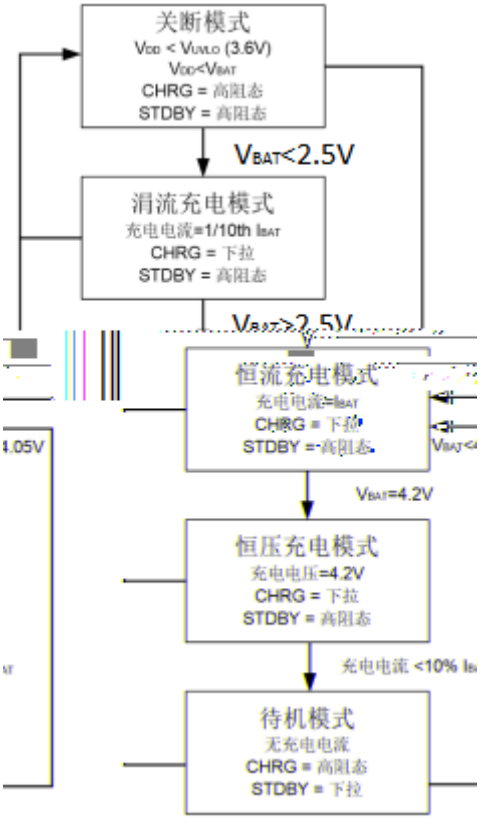
						Ω
						μ
						μ



±

×

μ


关断模式
VDD < VUVLO (3.6V)
VDD<VBAT
CHRG = 高阻态
STDBY = 高阻态
VBAT<2.5V
涓流充电模式
充电电流=1/10th IBAT
CHRG = 下拉
STDBY = 高阻态
恒流充电模式
充电电流=IBAT
CHRG = 下拉
STDBY = 高阻态
VBAT=4.2V
恒压充电模式
充电电压=4.2V
CHRG = 下拉
STDBY = 高阻态
充电电流 <10% IB
待机模式
无充电电流
CHRG = 高阻态
STDBY = 下拉

$$VTEMPL = \frac{R2||RTL}{R1 + R2||RTL}VIN$$

$$VTEMPL = \frac{R2||RTH}{R1 + R2||RTH}VIN$$

~~$VTEMPL = VHIGH = k2 \times Vcc(k2 = 0.8)$~~

$$VTEMPH = VLOW = k1 \times Vcc(k1 = 0.45)$$

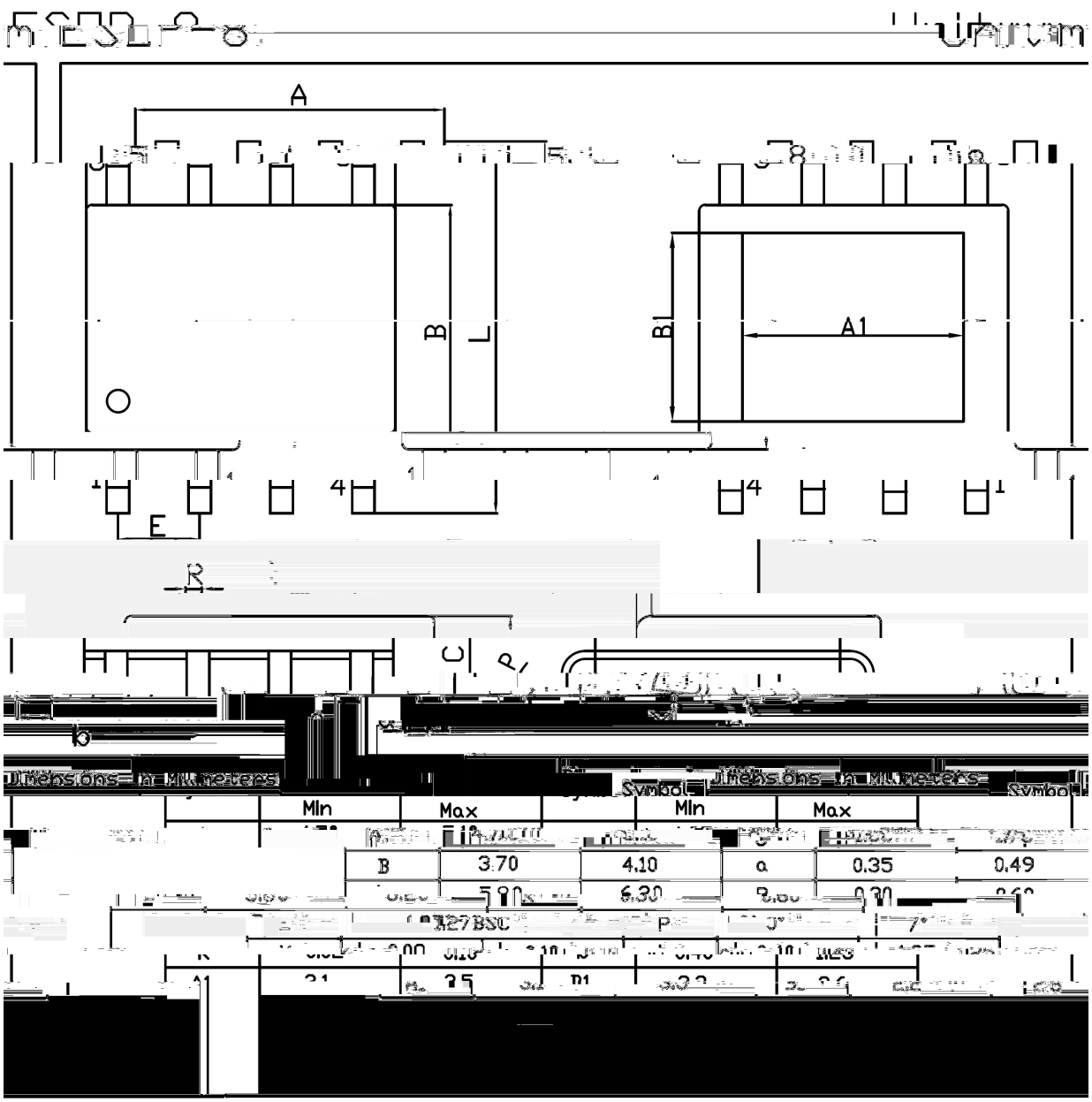
$$R1 = \frac{RTL \times RTH(k2 - k1)}{(RTL - RTH)k2 \times k1}$$

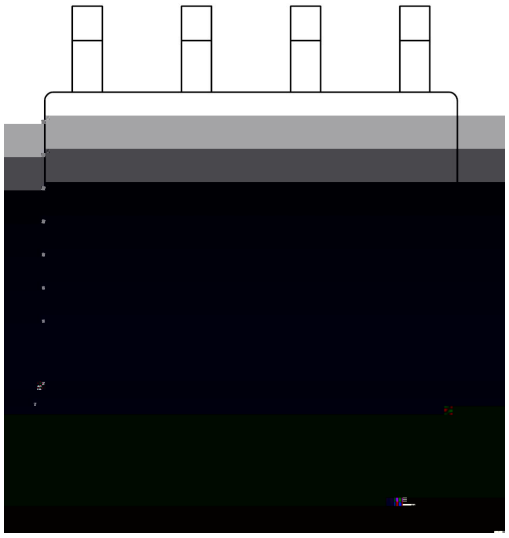
~~$\frac{RTL \times RTH(k2 - k1)}{RTH(k1 - k2 \times k1) - RTH(k2}$~~

$$R1 = \frac{RTL \times RTH(k2 - k1)}{(RTH - RTL)k2 \times k1}$$

$$R2 = \frac{RTL \times RTH(k2 - k1)}{RTH(k1 - k2 \times k1) - RTL(k2 - k2 \times k1)}$$

Ω


A
B
L
B1
A1
E
R
C
θ
Min
Max
Min
Max
B
3.70
4.10
α
0.35
0.49
P
7°

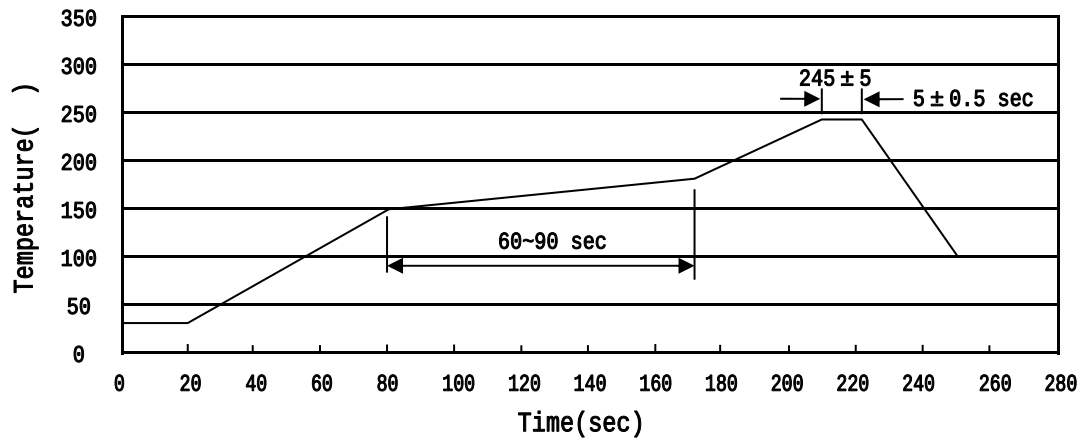


BR

4079

42 4.2v

****


350
300
250
200
150
100
50
0
Temperature( )
245±5
5±0.5 sec
60~90 sec
0
20
40
60
80
100
120
140
160
180
200
220
240
260
280
Time(sec)

± ± ± ±

± ±
