## / Descriptions

BRCL4064ME BRCL4064ME
/ BRCL4064ME
USB BRCL4064ME PMOSFET

4.2V PROG
600mA USB BRCL4064ME
3uA BRCL4064ME

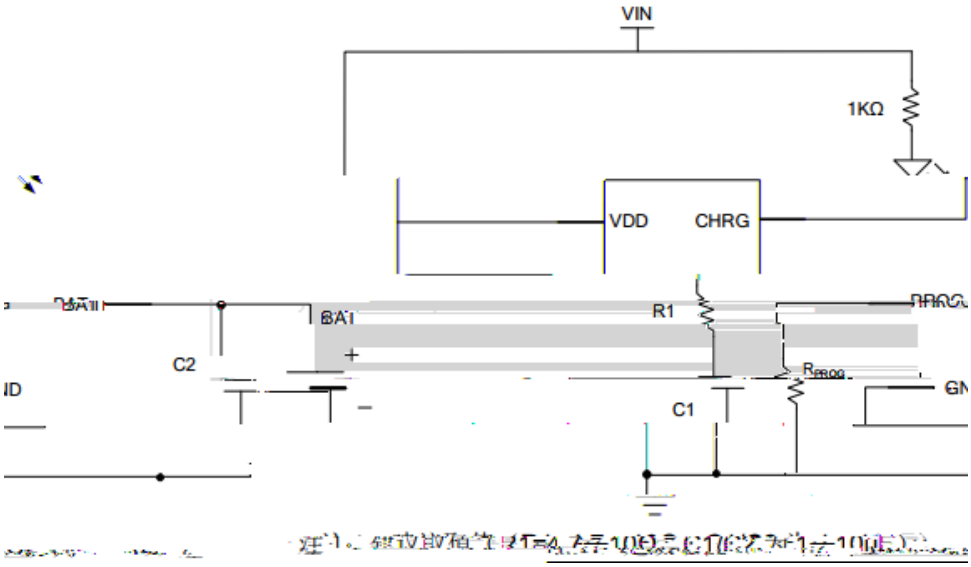
## / Features

4.2V ±42mV
25uA
BAT-VDD
0V
600mA
/ /

IEC62368
SOT23-5

## / Applications

## / Application Circuit

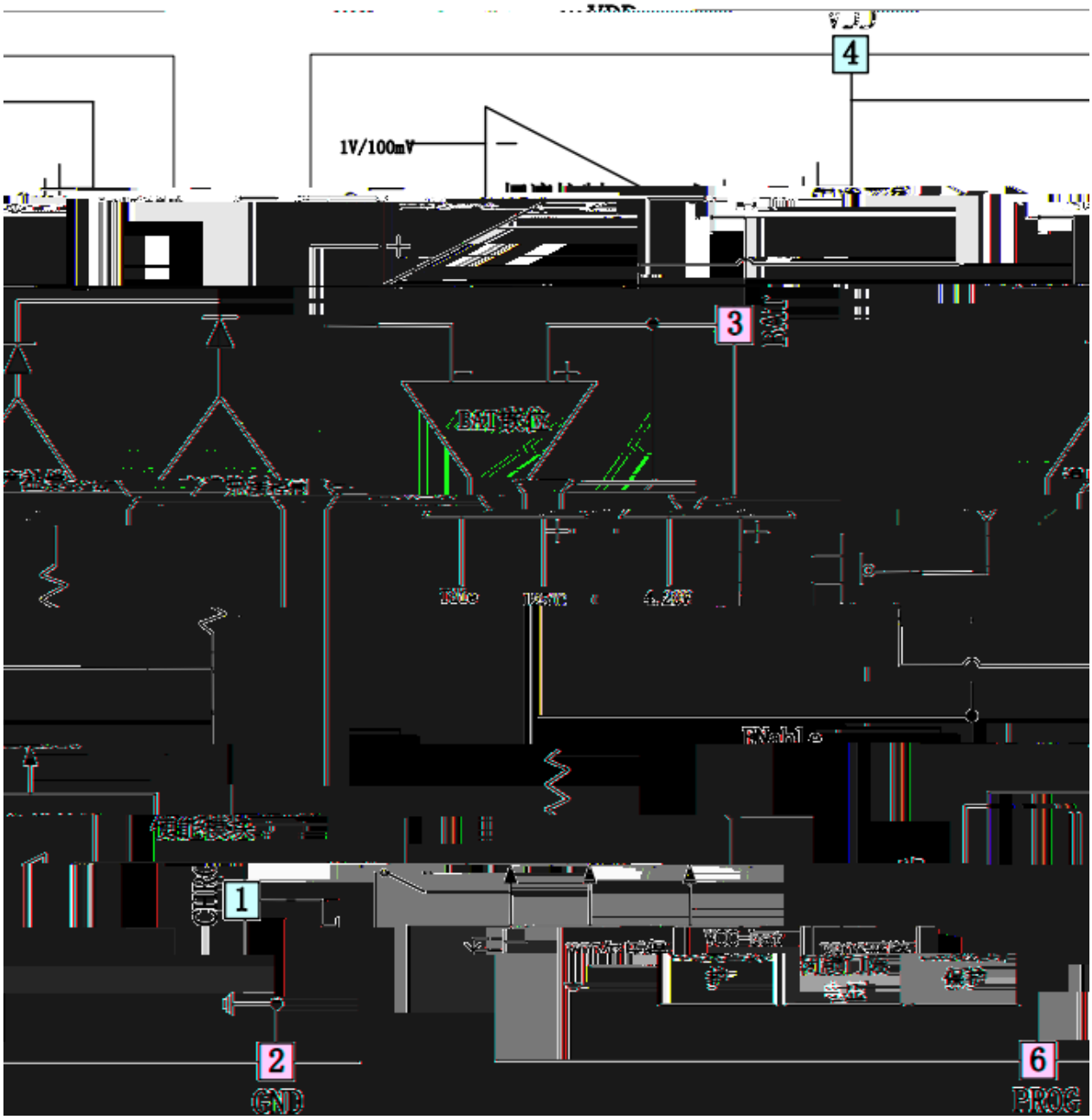


| PIN Num. | Symbol | Function |
|---|---|---|
| 1 | CHRG | |
| 2 | GND | |
| 3 | BAT | |
| 4 | VDD | |
| 5 | PROG | |

| PARAMETER | SYMBOL | RATINGS | UNITS |
|---|---|---|---|
| VDD input pin voltage | VDD | -0.3~12 | V |
| CHRG input pin voltage | $V_{CHRG}$ | -0.3~6.5 | |
| BAT input pin voltage | $V_{BAT}$ | -0.3~12 | |
| PROG input pin voltage | $V_{PROG}$ | -0.3~9 | |
| Operating Ambient Temperature | $T_A$ | -40~+85 | °C |
| Maximum Junction Temperature | $T_J$ | 150 | °C |
| Storage Temperature | $T_{stg}$ | -55~+150 | °C |

Package Thermal Resistance (0001 Tc.00001 T97 477bC an5.12 .48001 13.70 0 10.5 62.989D(15R001 309.66 49

## / Principle block diagram



BRCL4064ME / BRCL4064ME

USB AC 600mA

VDD UVLO PROG 1%

BAT

10%

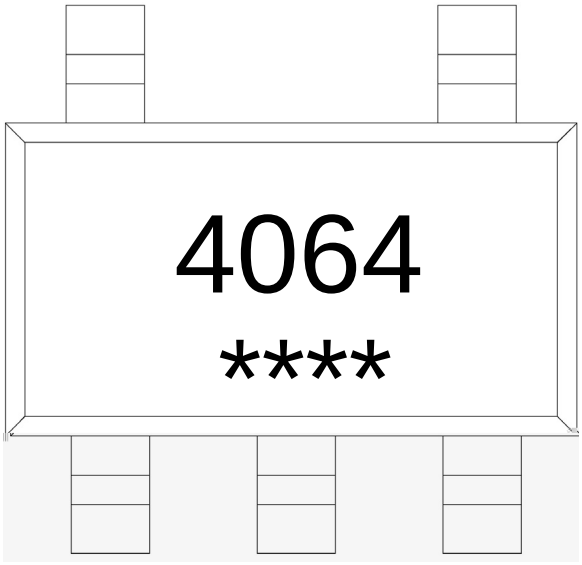
PROG PROG 100mV

TDELAY BRCL4064ME BRCL4064ME BAT

4.1V

10%

## / Marking Instructions




4064

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Note:

| | |
|---|---|
| 4064: | Product Type |
| ****: | Lot No. Code, code change with Lot No |

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