

/ Descriptions

BRCL4064ME	BRCL4064ME
/	BRCL4064ME
USB	PMOSFET
600mA	4.2V
3uA	USB
BRCL4064ME	PROG
	BRCL4064ME

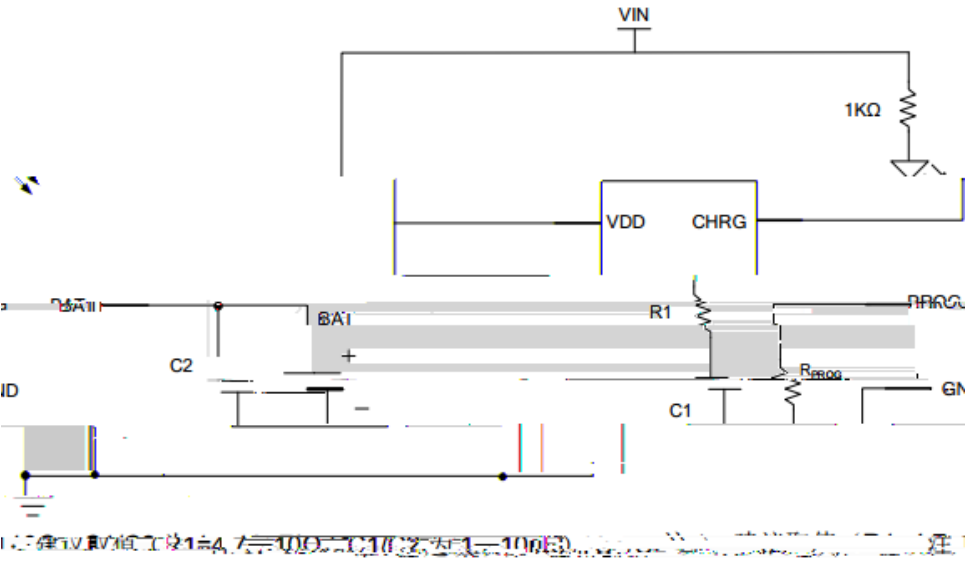
/ Features

4.2V	±42mV
25uA	
BAT-VDD	
0V	
600mA	
/	/

IEC62368
SOT23-5

/ Applications

/ Application Circuit



BRCL4064ME

Rev.B May.-2023



蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

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



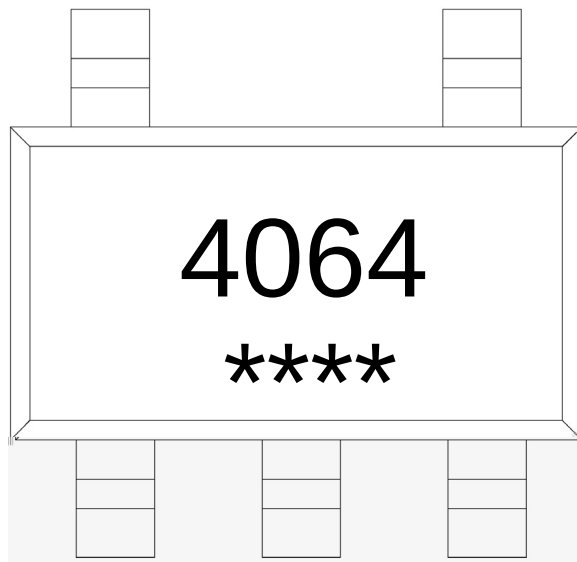
BRCL4064ME / BRCL4064ME

USB AC 600mA

VDD UVLO PROG BAT 1%

		10%	
	PROG	PROG	100mV
TDELAY	BRCL4064ME		BRCL4064ME BAT
	4.1V		
			10%

/ Marking Instructions



4064

Note:

4064: Product Type

****: Lot No. Code, code change with Lot No



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

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