

/ Descriptions

BRCL4064ME

/

USB

BRCL4064ME

PMOSFET

4.2V

PROG

600mA

USB

BRCL4064ME

3uA

BRCL4064ME

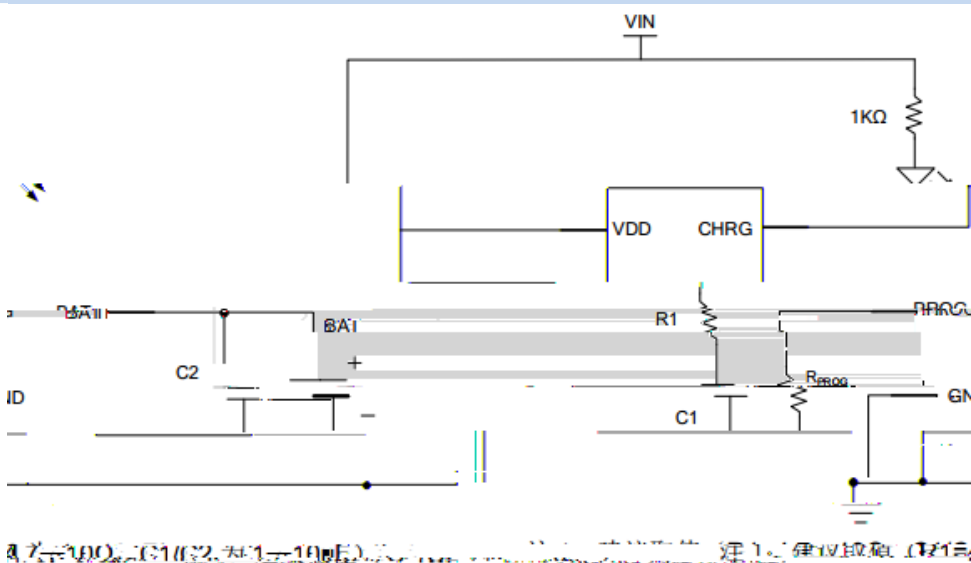
/ Features

25uA
BAT-VDD
0V
/ /
IEC62368
SOT23-5

4.2V ±42mV
600mA

/ 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

USB AC

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BRCL4064ME

600mA

VDD

UVLO

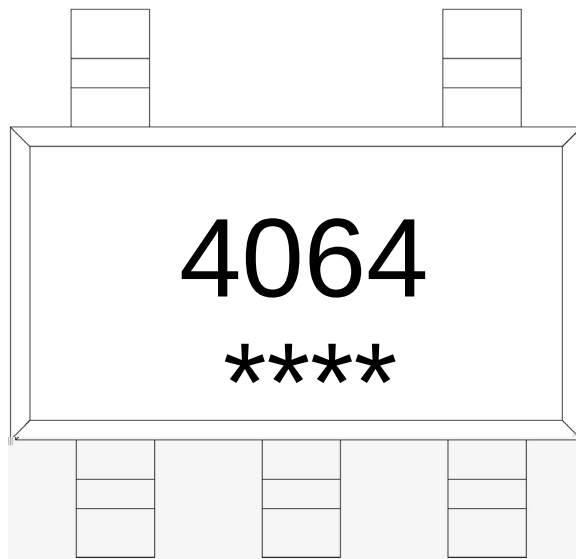
PROG

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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