/ Descriptions

BRCL4064ME BRCL4064ME
/ BRCL4064ME
USB BRCL4064ME PMOSFET

4.2V PROG
600mA USB BRCL4064ME
3uA BRCL4064ME

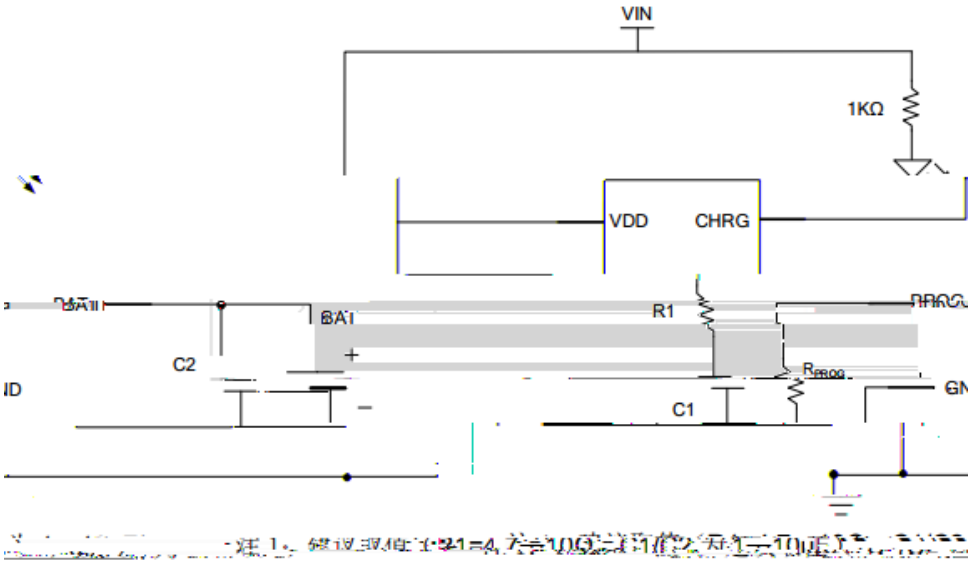
/ Features

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%

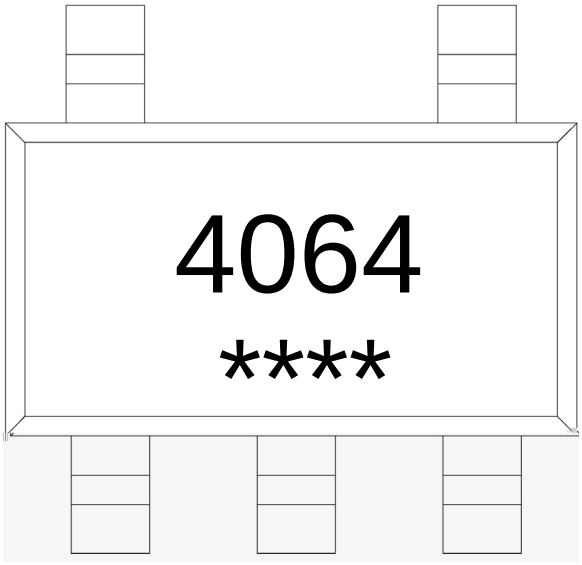
PROG PROG 100mV

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)

