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XT2055 /

XT2055 USB
MOSFET

4.2V

1/10 XT2055
USB XT2055
2µA XT2055
25µA

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- PDA MP3
-

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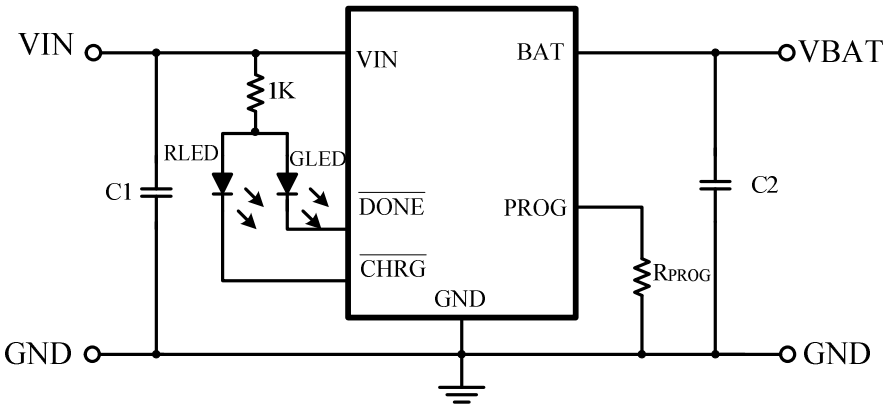
- 500mA
- MOSFET
-
- /

- USB
- 4.2V ±1%
-
-
- 1/10
- 25µA
- 2.9V
-

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- SOT-23-6L

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C1=4.7uF C2=10uF IBAT = ($V_{PROG}$/$R_{PROG}$)*1000

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m cCpVÖ„E dÖ„E dÑV27PHÕ™47PHÖŒrlbÖŒrlbÕ™2b ˜`b ˜`

b ˜`

**12** ' 4.2V

**3**** **4** VCC 1µF VCC BAT 30 mV

XT2055 BAT 2µA

**0%/5**6 "7 DONE

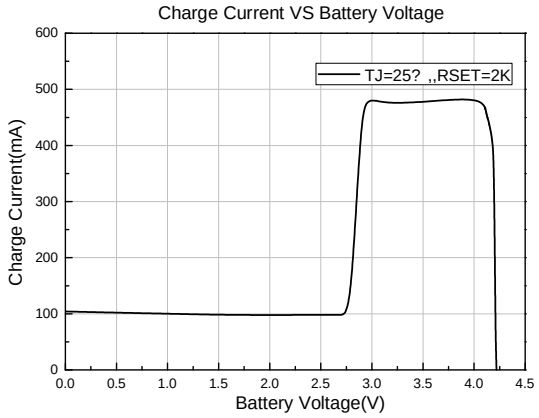
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| | | | | |
|---|---|---|---|---|
| | $V_{cc}$ | $V_{SS}$-0.3 $V_{SS}$+10 | | V |
| PROG | Vprog | $V_{SS}$-0.3 $V_{cc}$+0.3 | | |
| BAT | Vbat | Vss-0.3 7 | | |
| CHAG | Vchrg | $V_{SS}$-0.3 $V_{SS}$+10 | | |
| | $P_D$ | SOT-23-6L | 250 | mW |
| BAT | Ibat | 500 | | mA |
| PROG | Iprog | 800 | | uA |
| | Topa | -40 +85 | | °C |

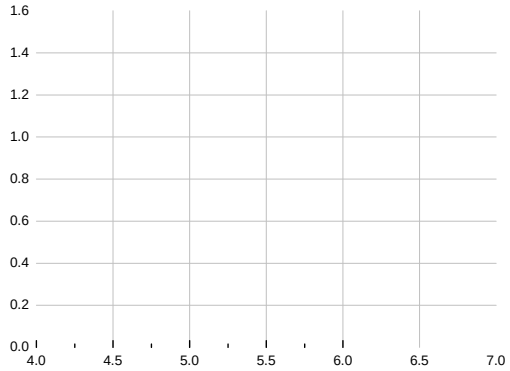
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1. VS BAT


Charge Current VS Battery Voltage
TJ=25? ,,RSET=2K
Charge Current(mA)
Battery Voltage(V)
600
500
400
300
200
100
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5

7. PROG VS



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