# E-Scooter_prototype Schematic

| VER. | PAGE | Description & Change Log | Date | By |
|---|---|---|---|---|
| v1r0 | | Created , Initial Release For Initial Review | | Roger |
| v1r1 | | add CAN | | Gary |
| | | | | |

**Note:**

1. Sch Tools Verion : Power Logic 9.5
2. PCB Tools Verion : PADS 9.5

| | |
|---|---|
| COMPANY | iMmotor |
| TITLE | CTRL7_V1R0 |
| DRAWN: Roger | DATED: 2020.06.30 |
| CHECKED | DATED |
| QUALITY CONTROL | DATED |
| RELEASED | DATED |
| CODE | SIZE: A1 |
| DRAWING NO. | REV |
| SCALE | SHEET 9 |

| REVISION RECORD | | | |
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| LTR | EXCO NO. | APPROVED | DATE |
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| DRAWN: Roger | DATE: 2020.06.30 |
| CHECKED: | DATE: |
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| RELEASED: | DATE: |

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|---|---|---|---|
| COMPANY: iMmotor | | | |
| TITLE: CTRL7_V1R0 | | | |
| CODE: | SIZE: A1 | DRAWING NO: | REV: |
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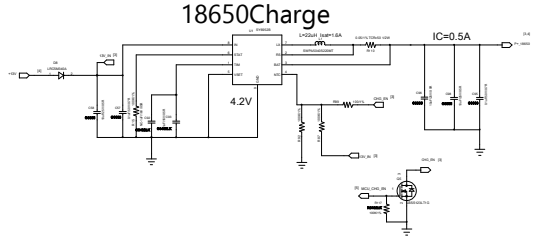
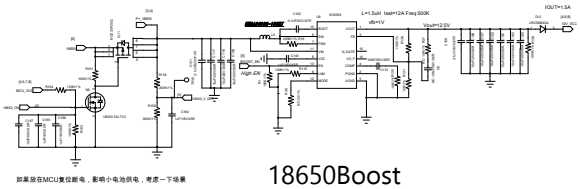
## 18650Charge




## 18650Boost



卸氟放在MCU复位前电，影响小电池供电，考虑一下场景

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|---|---|---|---|
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| DRAWN: Roger | DATE: 2020.06.30 | | |
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| QUALITY CONTROL: | DATE: | | |
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| CODE: | SIZE: A1 | DRAWING NO: | REV: |
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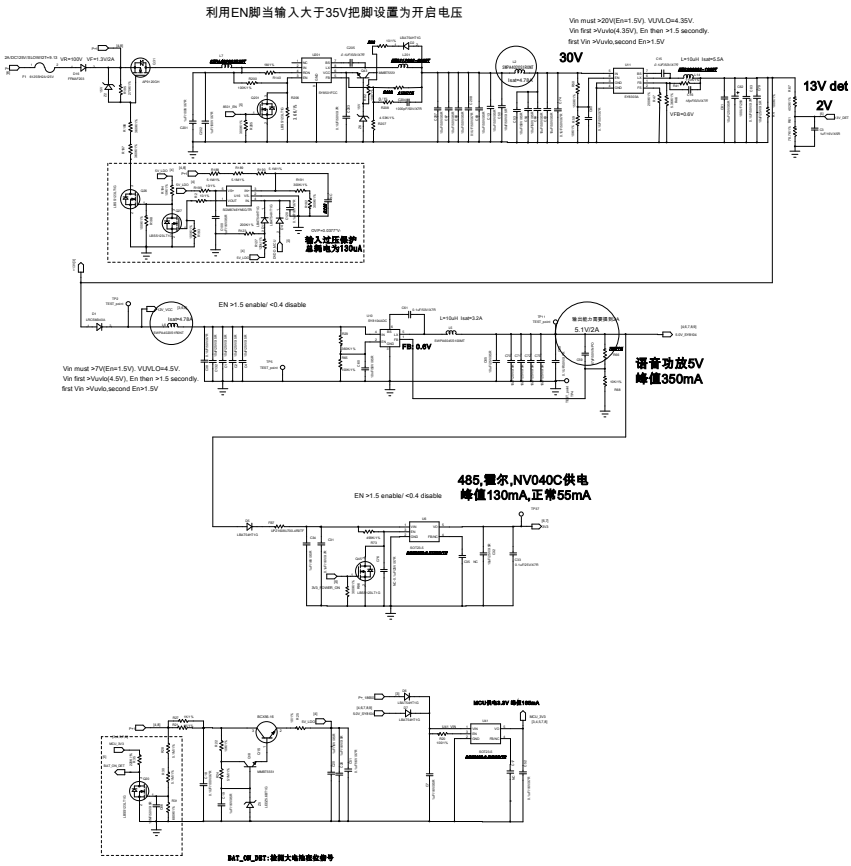


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|---|---|---|---|
| COMPANY: | iMmotor | | |
| TITLE: | CTRL7_V1R0 | | |
| DRAWN: Roger | DATE: 2020.06.30 | | |
| CHECKED: | DATE: | CODE: | SIZE: A1 |
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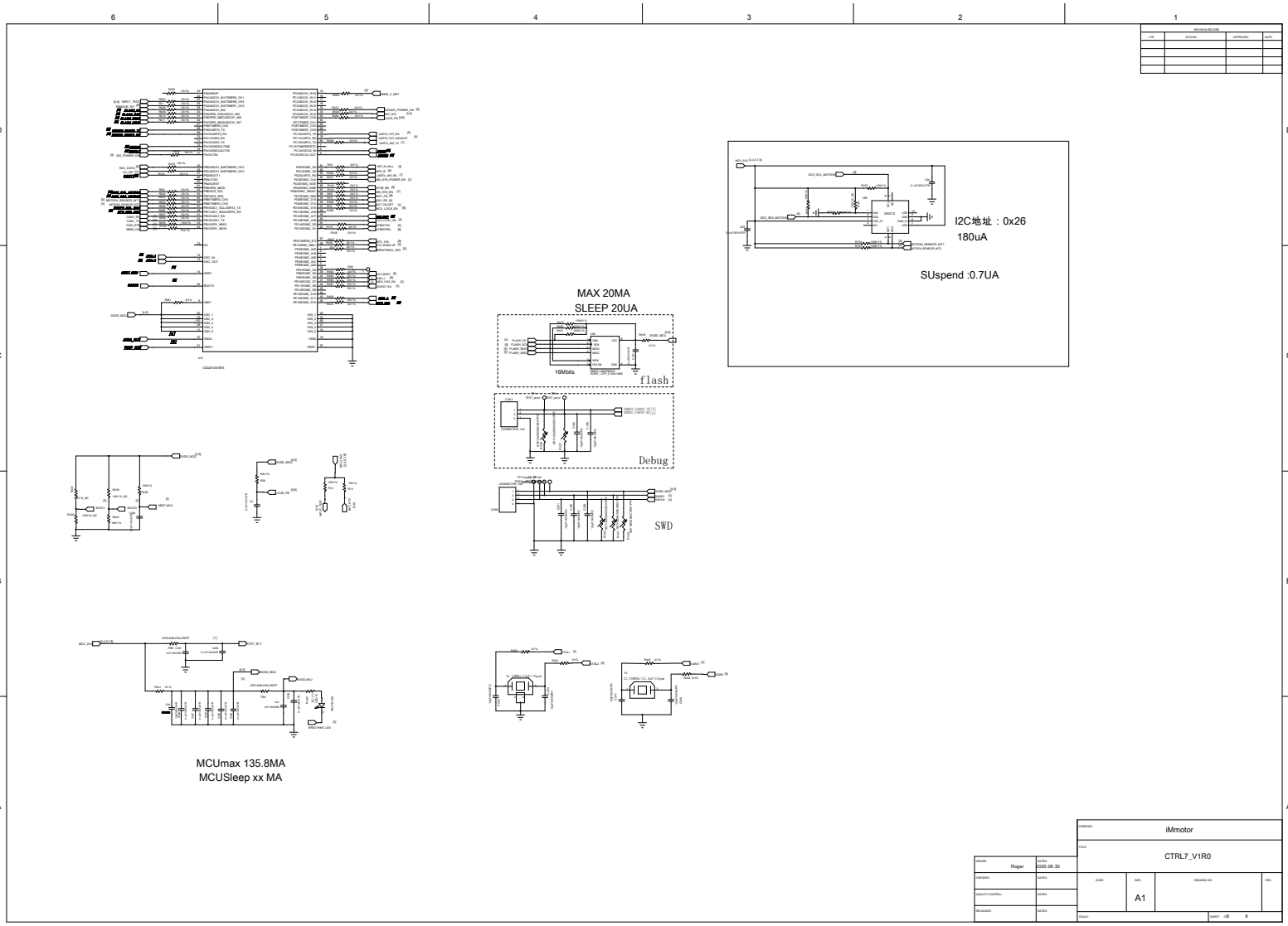
| RELEASED: | DATE: | SCALE: | SHEET: 4 of 9 |



MAX 20MA
SLEEP 20UA
16Mbits
flash
Debug
SWD
I2C地址：0x26
180uA
SUspend :0.7UA
MCUmax 135.8MA
MCUSleep xx MA
iMmotor
CTRL7_V1R0
Roger
2020.06.30
A1

| REVISION RECORD | | | |
|---|---|---|---|
| LTR | DESCRIPTION | APPROVED | DATE |
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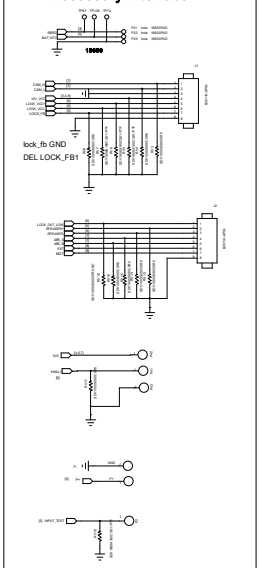
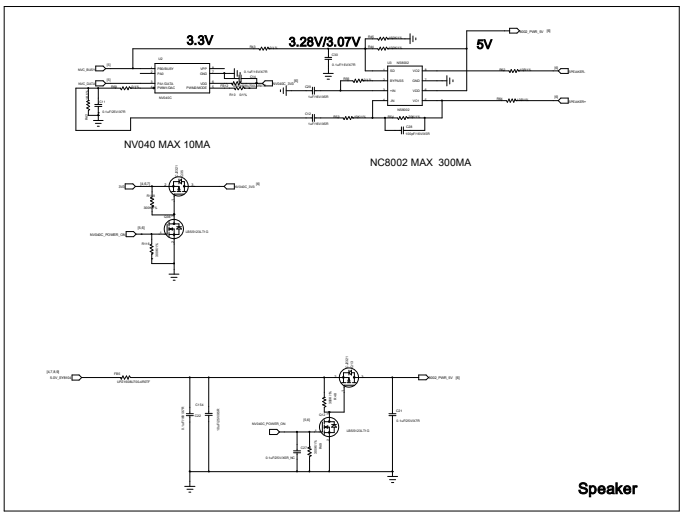
## Accessory interface

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| COMPANY: | iMmotor |
| TITLE: | CTRL7_V1R0 |
| DRAWN: Roger | DATE: 2020.06.30 |
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| RELEASED: | DATE: |
| CODE: | SIZE: A1 |
| DRAWING NO: | REV: |
| SCALE: | SHEET: 9 |

| REVISION RECORD | | | |
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| LTR | ECO NO. | APPROVED | DATE |
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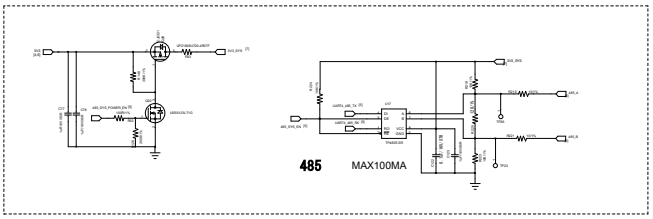


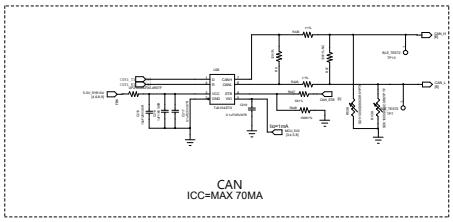


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| TITLE: | CTRL7_V1R0 | | |
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| QUALITY CONTROL: | DATED: | | |
| RELEASED: | DATED: | | |
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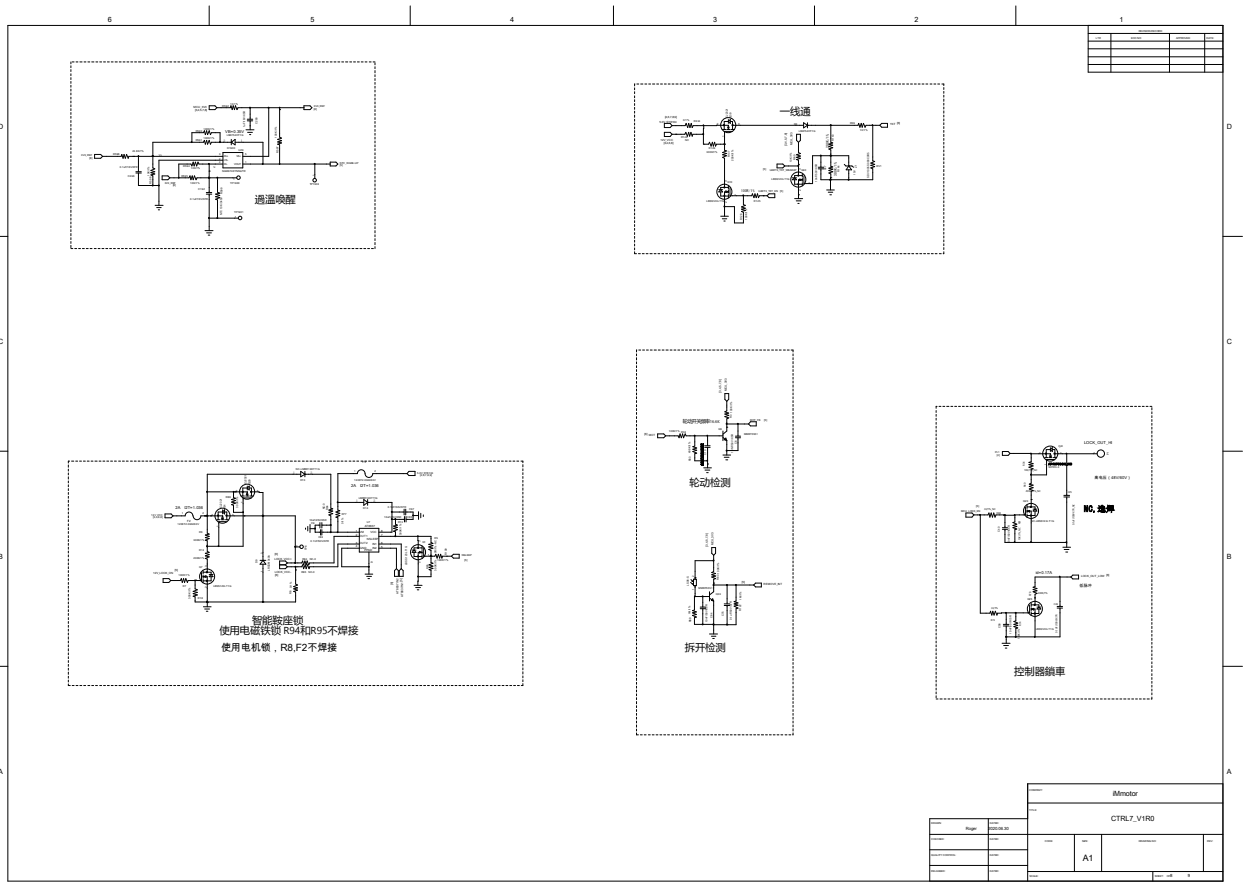


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|---|---|---|---|
| Project | iMmotor | | |
| Title | CTRL7_V1R0 | | |
| Drawn | Roger | Date | 2020.08.30 |
| Checked | | Scale | |
| Approved | | Date | |
| Size | A1 | Rev | |
| Sheet | | Sheet 1 of 8 | |

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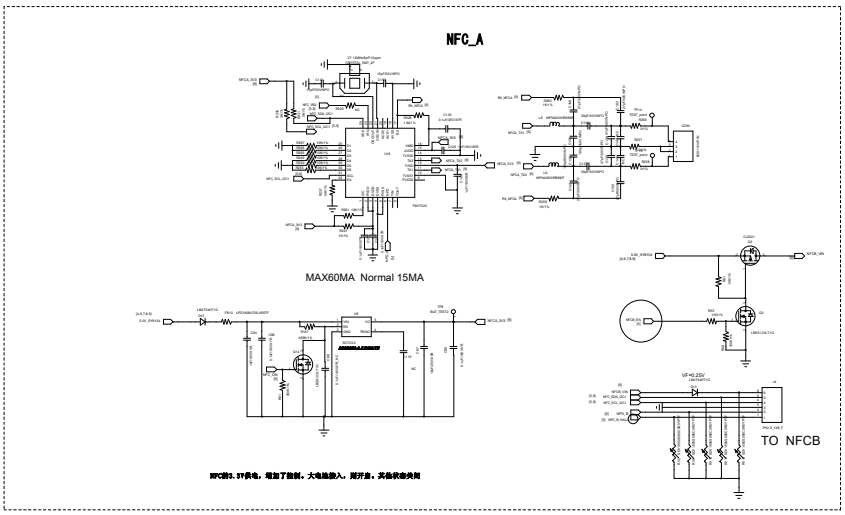


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| DRAWN: Roger | DATE: 2020.06.30 | | |
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| RELEASED: | DATE: | SCALE: | SHEET: 9 |