

VOLTAGE REGULATOR

Generated voltage:
3.3 V for CC2531

SoC peripherals

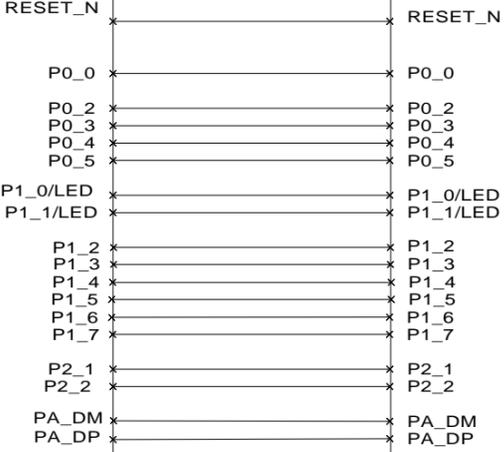
- USB Connector
- Buttons
- LEDs
- SMD sockets

RESET_N
P0_0
P0_2
P0_3
P0_4
P0_5
P1_0/LED
P1_1/LED
P1_2
P1_3
P1_4
P1_5
P1_6
P1_7
P2_1
P2_2
PA_DM
PA_DP

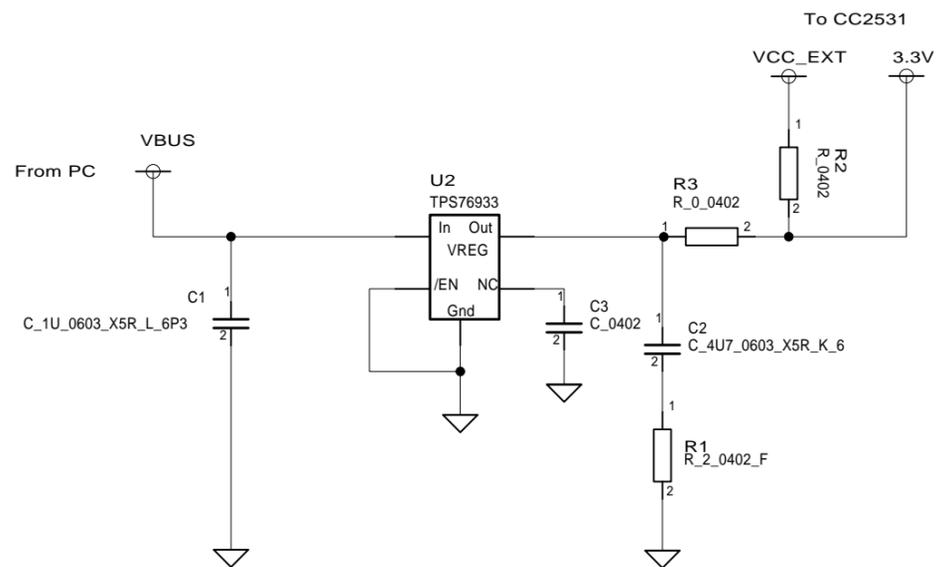
RF-SoC PART

Including PCB antenna

RESET_N
P0_0
P0_2
P0_3
P0_4
P0_5
P1_0/LED
P1_1/LED
P1_2
P1_3
P1_4
P1_5
P1_6
P1_7
P2_1
P2_2
PA_DM
PA_DP

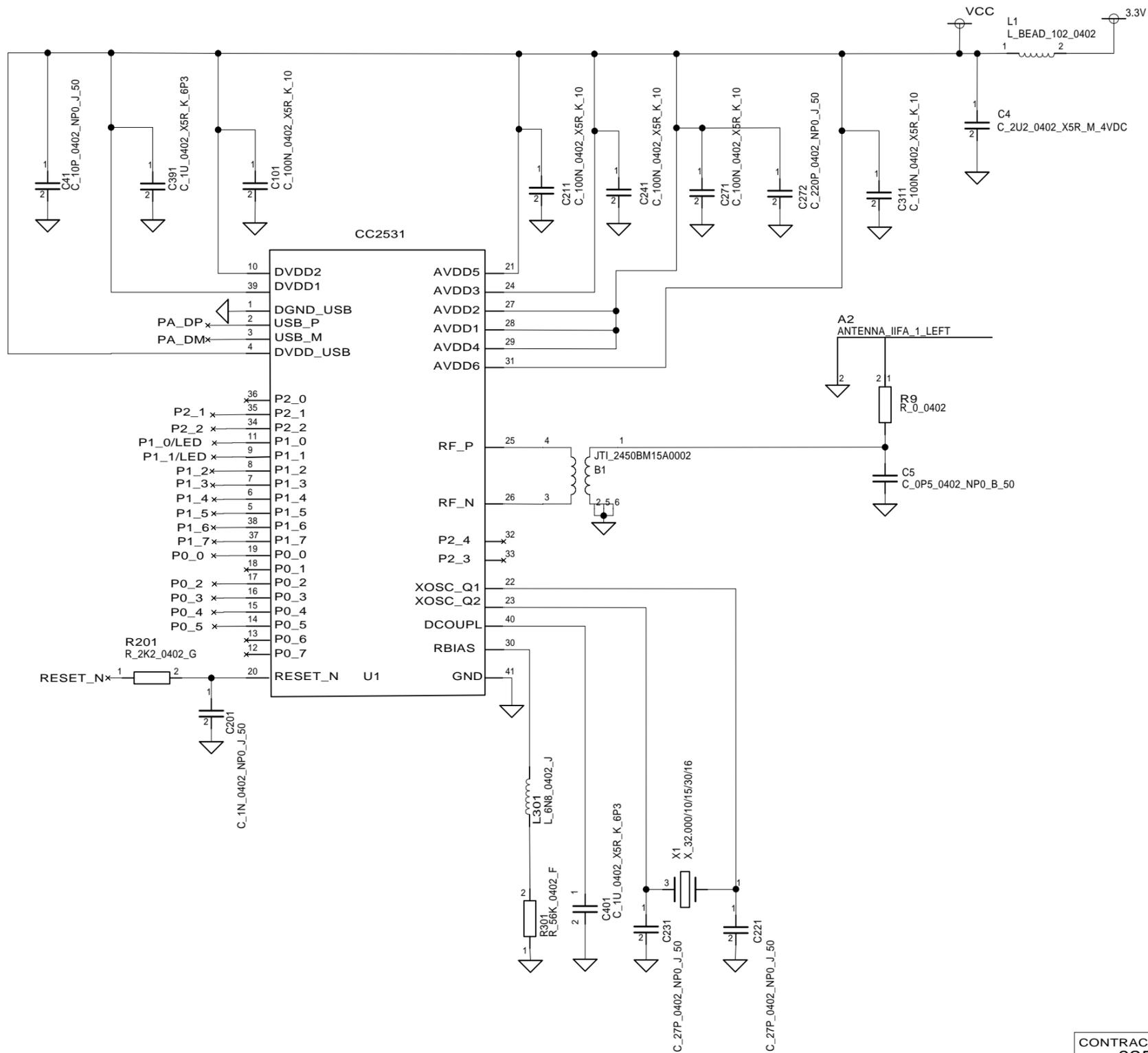


| | | | | | |
|-------------------------------|------------|--|----------|-------------------|------------|
| CONTRACT NO. 025104 | | COMPANY NAME Texas Instruments | | | |
| APPROVALS | DATE | DWG CC2531 USB dongle | | | |
| DRAWN | TIK | SIZE | FSCM NO. | DWG NO. | REV. |
| CHECKED | MAP | A4 | | | 2.4 |
| ISSUED | | SCALE | | SHEET 1(4) | |



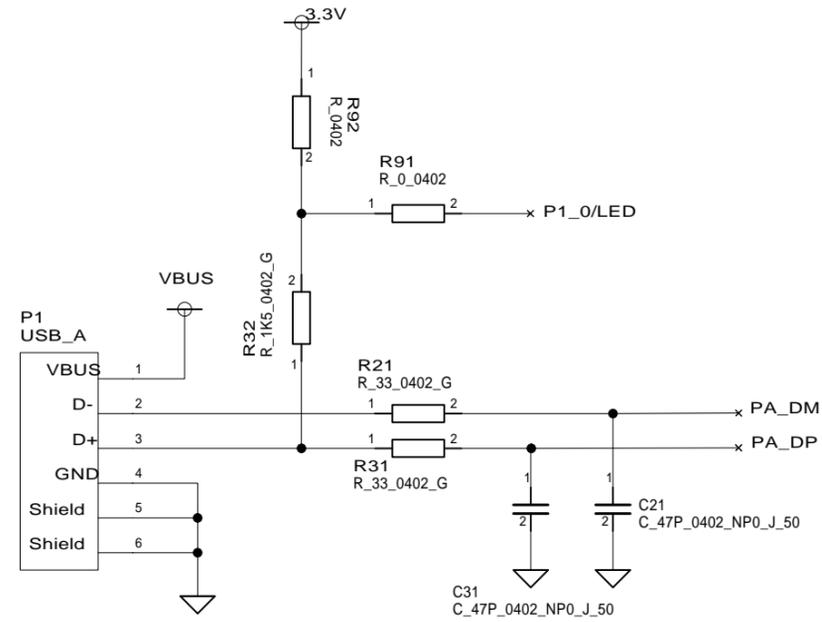
Not mount: C3, R2

| | | | | | |
|-------------------------------|------------|--|----------|-------------------|------------|
| CONTRACT NO. 025104 | | COMPANY NAME Texas Instruments | | | |
| APPROVALS | DATE | DWG CC2531 USB DONGLE VOLTAGE REGULATOR | | | |
| DRAWN | TIK | SIZE | FSCM NO. | DWG NO. | REV. |
| CHECKED | MAP | A4 | | | 2.4 |
| ISSUED | | SCALE | | SHEET 2(4) | |

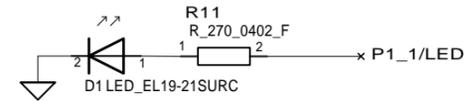


| | | | | | |
|-------------------------------|------|--|----------|---------|------------|
| CONTRACT NO. 025104 | | COMPANY NAME Texas Instruments | | | |
| APPROVALS | DATE | DWG CC2531 USB DONGLE RF-PART | | | |
| DRAWN | TIK | SIZE | FSCM NO. | DWG NO. | REV. |
| CHECKED | MAP | A4 | | | 2.4 |
| ISSUED | | SCALE | | | SHEET 3(4) |

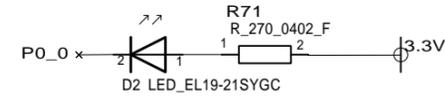
USB Interface



LED_Red



LED_Green



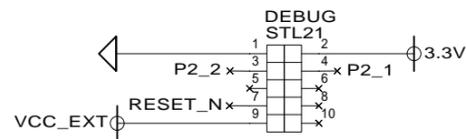
button_P_1_2



button_P_1_3



SoC debug/flash



Additional testpins

- IO
BL_31_008U_NO_SILK
- >8 — x P1_4
 - >7 — x P1_5
 - >6 — x P1_6
 - >5 — x P1_7
 - >4 — x P0_5
 - >3 — x P0_4
 - >2 — x P0_3
 - >1 — x P0_2

Not mount: R92, IO

| | | | | | |
|-------------------------------|------|--|----------|---------|------|
| CONTRACT NO. 025104 | | COMPANY NAME Texas Instruments | | | |
| APPROVALS | DATE | DWG CC2531 USB dongle USB circuitry | | | |
| DRAWN | TIK | SIZE | FSCM NO. | DWG NO. | REV. |
| CHECKED | MAP | A4 | | | 2.4 |
| ISSUED | | SCALE | | SHEET | 4(4) |

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