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| Revisions | | | |
|-----------|--------------------------------------|------------|-----------|
| Rev | Description | Date | Approved |
| A | Initial Release | 02/11/2013 | A. QUIROZ |
| B | Flash Memory/ Reset / Remove Battery | 05/24/2013 | A. QUIROZ |
| C | PWR USB MODE U14 TXB01 for TXS01 | 08/11/2013 | A. QUIROZ |

TWR-KW21D256

- KW21D256 (no USB)

| | | | |
|--|--|---|-------------------------------------|
|  | | Wireless Connectivity Operation 6501 William Cannon Drive West Austin, TX 78735-8998 | |
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| Designer: A. QUIROZ | | ICAP Classification: FQP: X FIUQ: PUB: | |
| Drawing Title: A. QUIROZ | | TWR- KW21D256 | |
| Drawn by: A. QUIROZ | | Page Title: TITLE PAGE | |
| Approved: MARK R. WILLIAMS | | Size C | Document Number SCH-27846 |
| Date: Thursday, August 22, 2013 | | Sheet 1 | of 8 |

1. Unless Otherwise Specified:
All resistors are in ohms, 5%, 1/8 Watt
All capacitors are in uF, 20%, 50V
All voltages are DC
All polarized capacitors are aluminum electrolytic
2. Interrupted lines coded with the same letter or letter combinations are electrically connected.
3. Device type number is for reference only. The number varies with the manufacturer.
4. Special signal usage:
_B Denotes - Active-Low Signal
<> or [] Denotes - Vectored Signals
5. Interpret diagram in accordance with American National Standards Institute specifications, current revision, with the exception of logic block symbology.

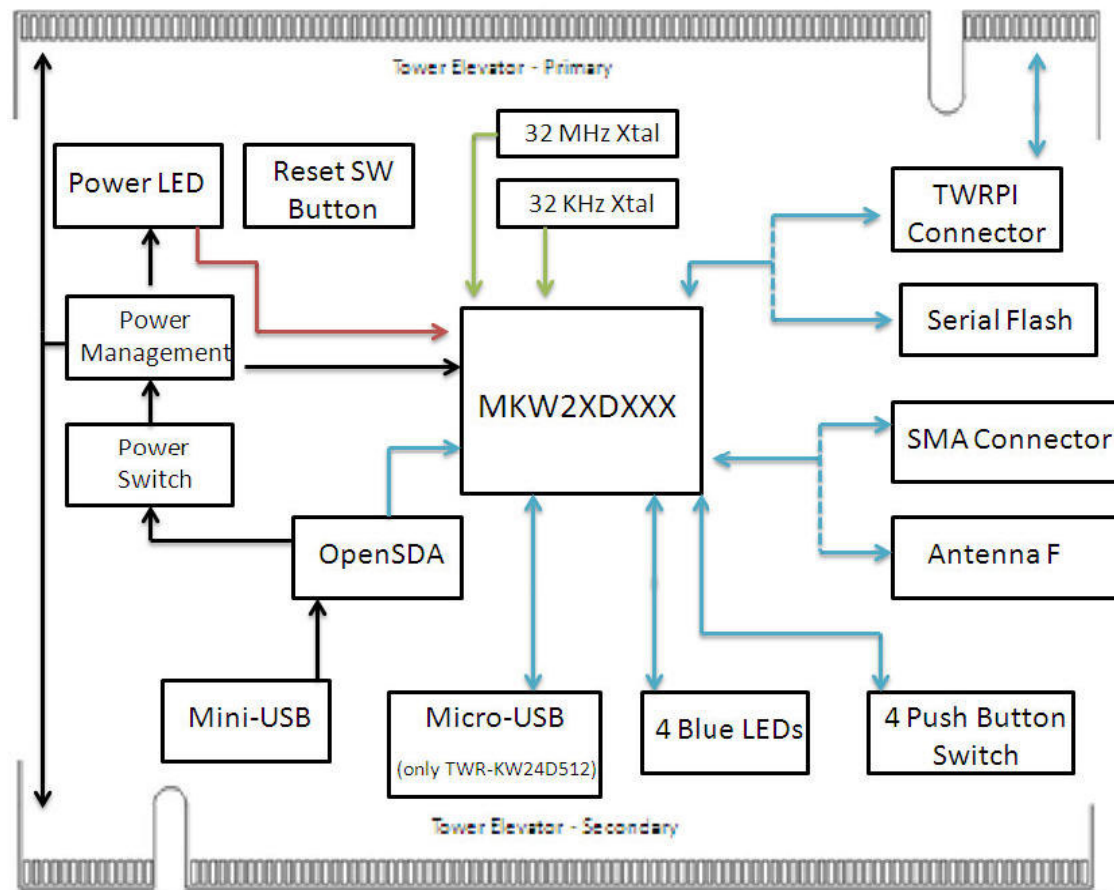
NOTE A. R84, R85, R86 & R87 remove ONLY on USB IC (U3) version

NOTE B. C27 & C28 are DNP ONLY on NON-USB IC (U3) version

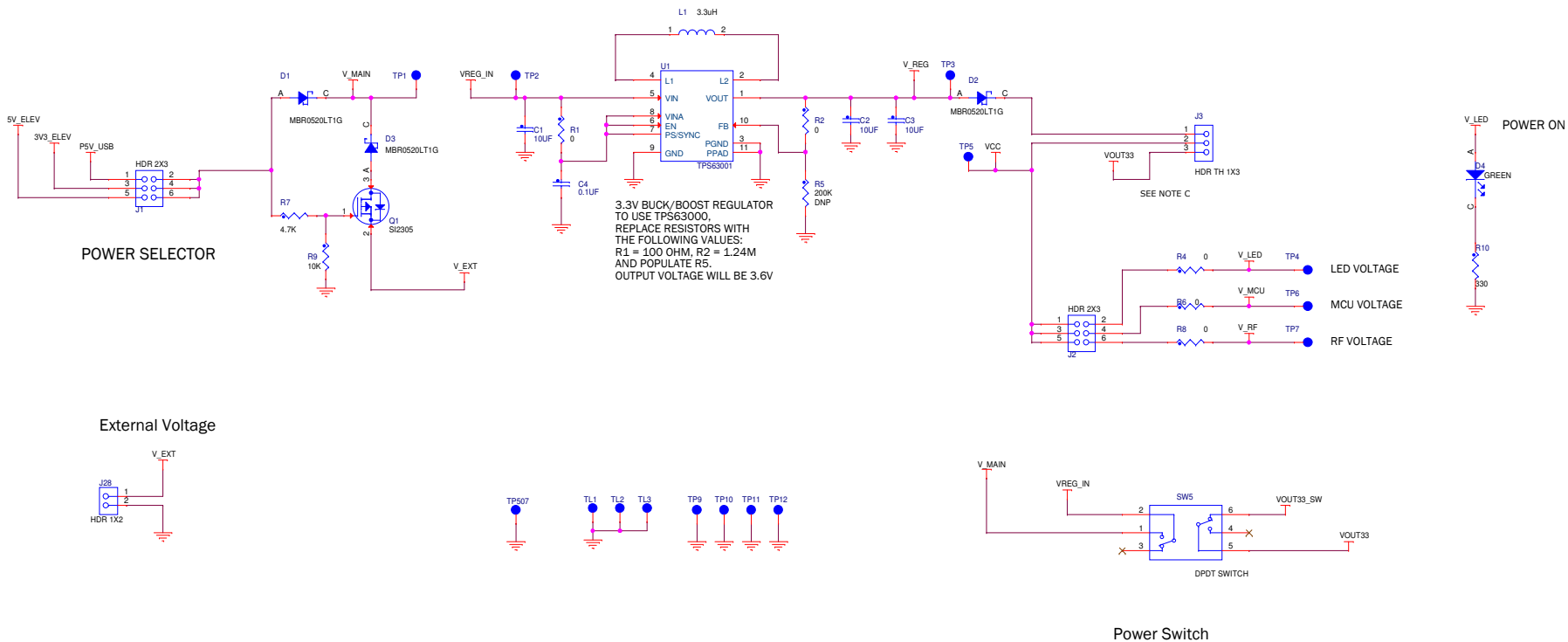
NOTE C. can use J3 2-3 to supply voltage only on USB IC (U3) version

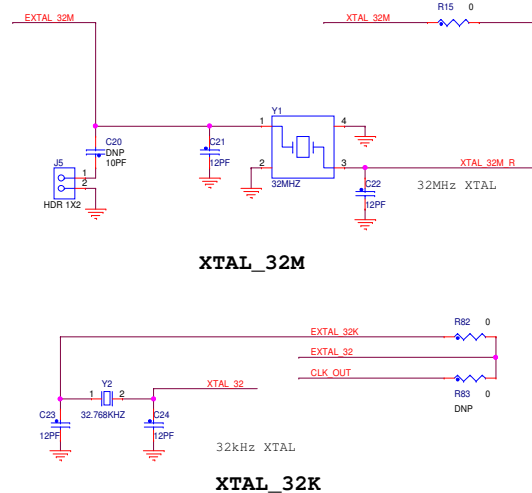
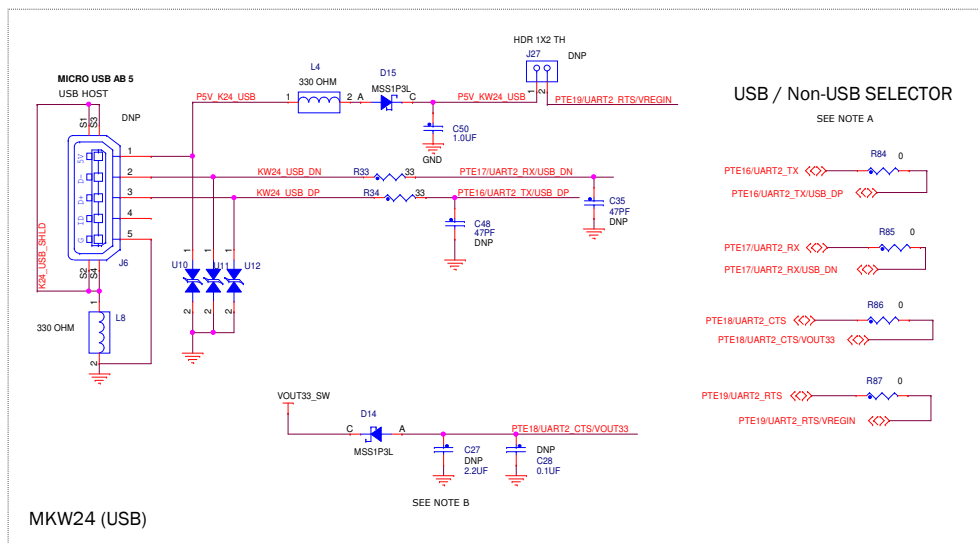
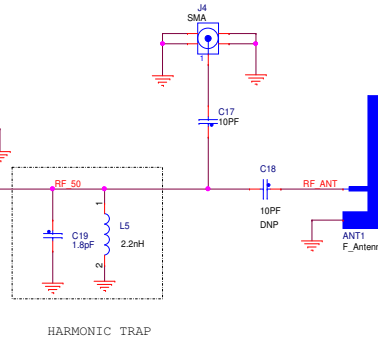
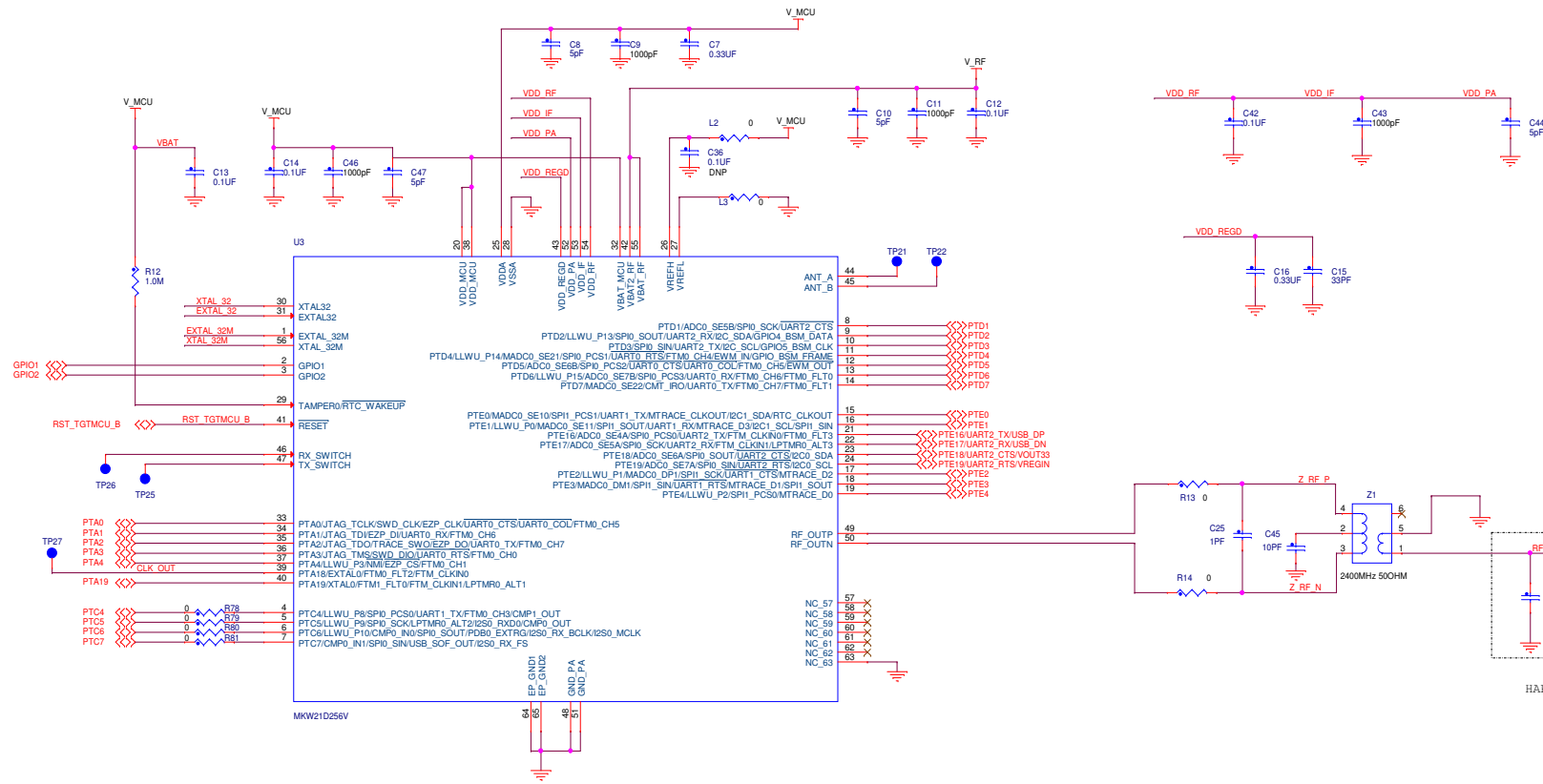


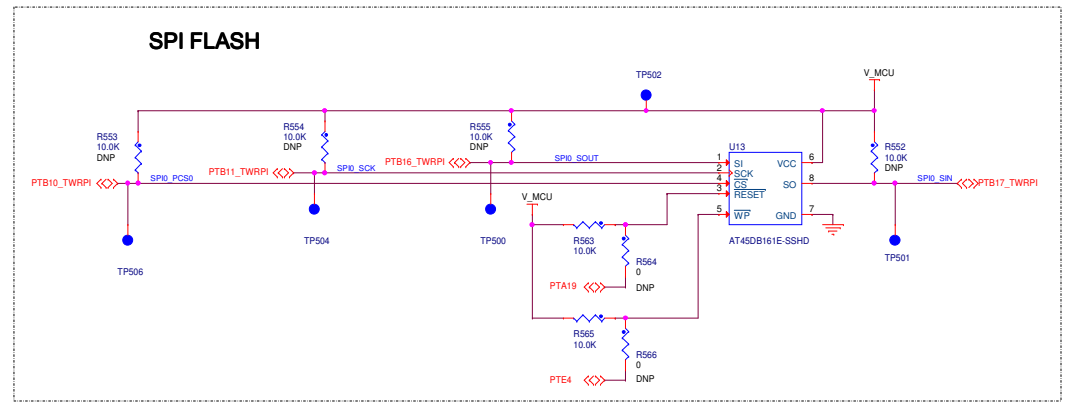
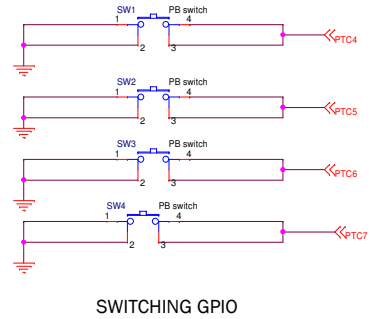
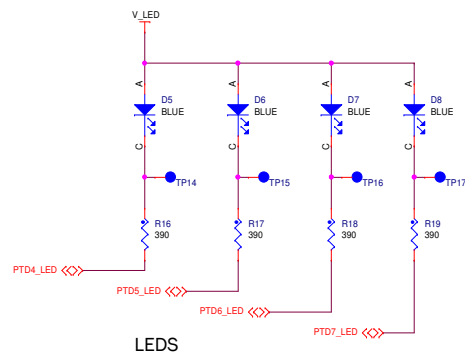
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| Drawing Title: TWR- KW21D256 | | | |
| Page Title: NOTES | | | |
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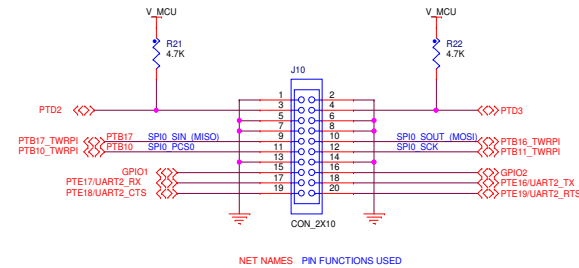
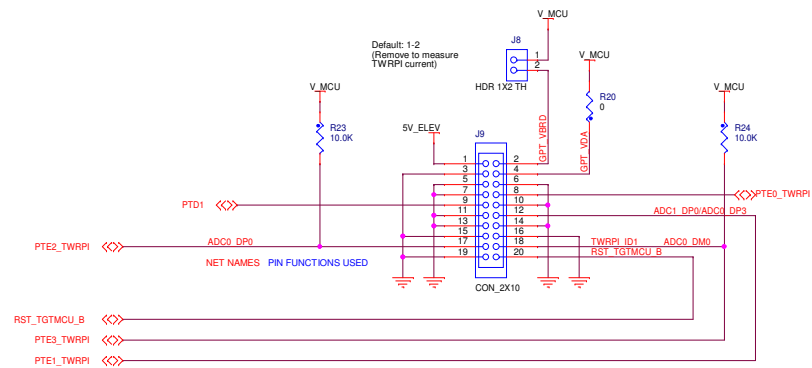
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| ICAP Classification: FCP: X FIUO: PUB: | | | |
| Drawing Title: TWR- KW21D256 | | | |
| Page Title: BLOCK DIAGRAM | | | |
| Size C | Document Number SCH-27846 | Rev C | |
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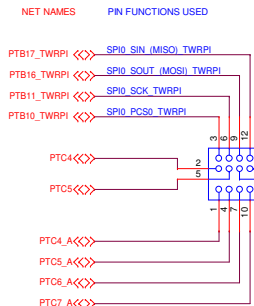




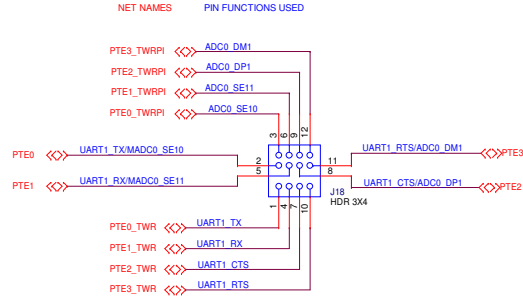
GENERAL PURPOSE TWRPI



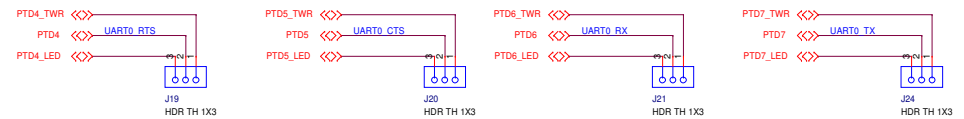
SPI0 TWRPI/TWR_ELEV Select



UART1/ADC TWRPI/TWR_ELEV_Select



UART0/LED Select





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|---------------------------------|-----------------|--------------|---------|-------|
| ICAP Classification: | | FCP: | FIUO: X | PUBI: |
| Drawing Title: | | | | |
| TWR- KW21D256 | | | | |
| Page Title: | | | | |
| OpenSDA | | | | |
| Size C | Document Number | | | R |
| | SCH-27846 | | | |
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