

## CY8CPROTO-064S1-SB PSoC 64 Secure Boot Prototyping Kit with 1M Flash

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### Drawing Numbers

PCBA	121-60545-01
PCB	600-60545-01
FAB DRW	610-60545-01
ASSY DRW	620-60545-01
SCH DRW	630-60545-01



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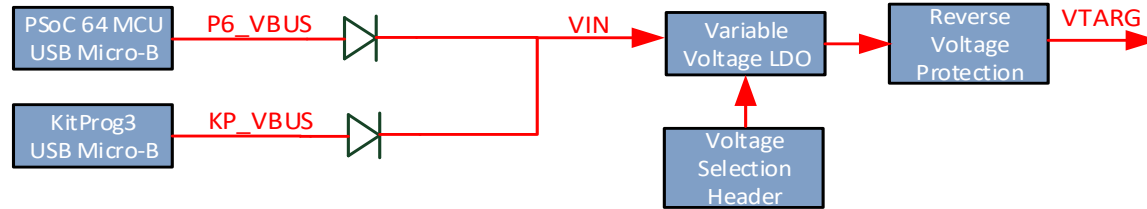
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**Page Title : Title Page**

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## Power Section

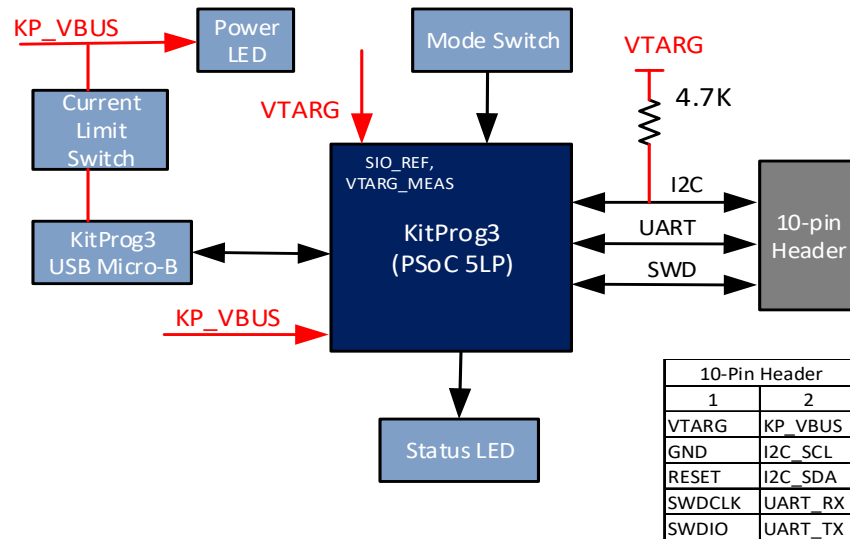


Cypress Parts

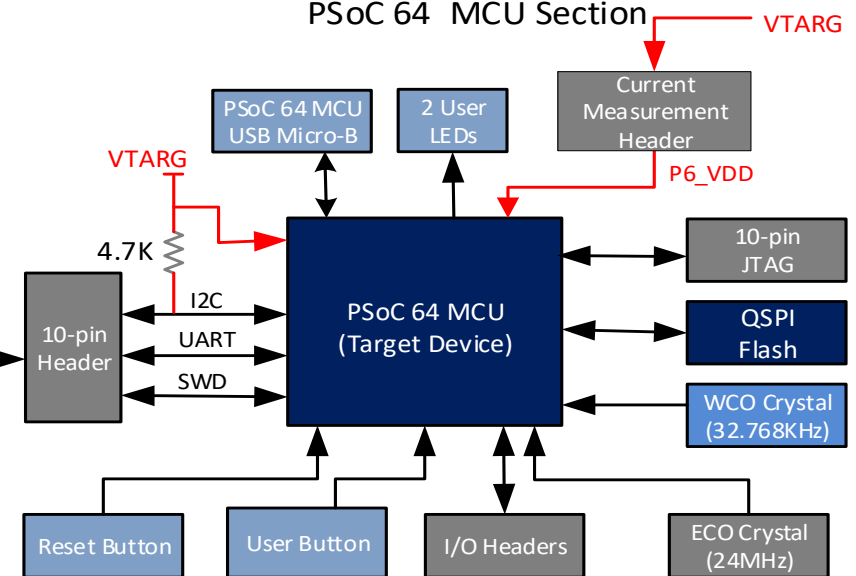
Loaded Parts

No Load Parts

## KitProg3 Section



## PSoC 64 MCU Section



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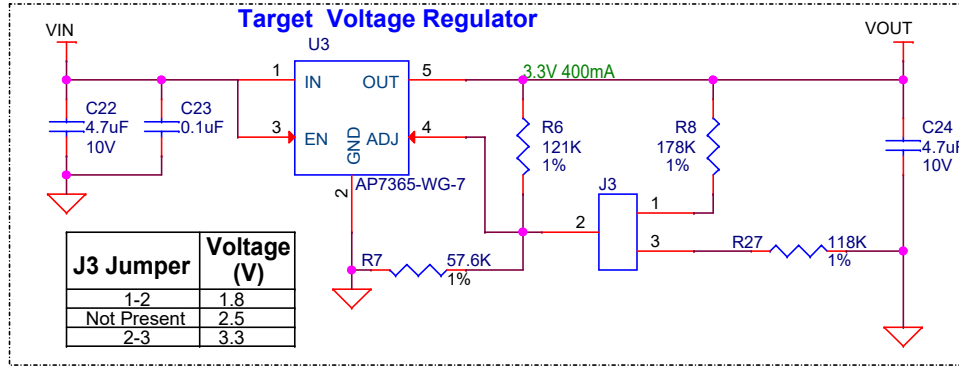
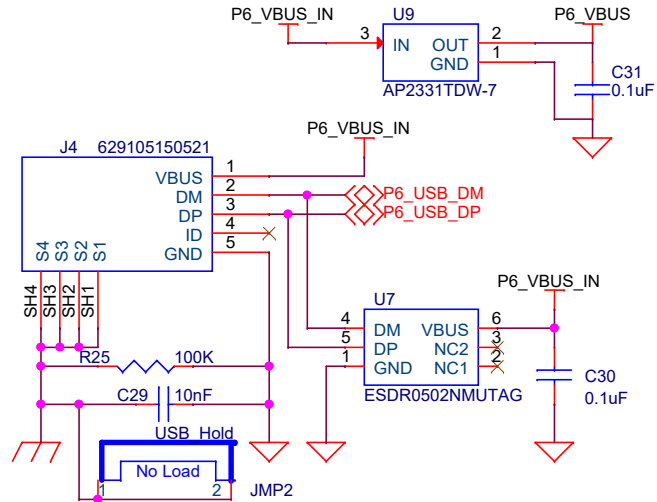
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**Page Title : Block Diagram**

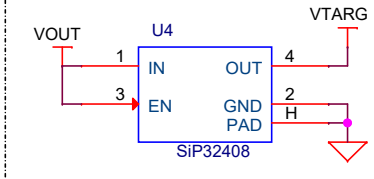
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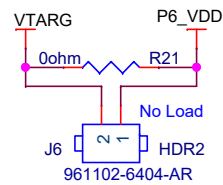
## PSoC 64 MCU USB Device Micro-B connector



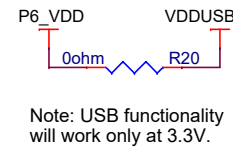
## Reverse Voltage Protection



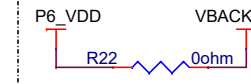
## Current Measurement Header



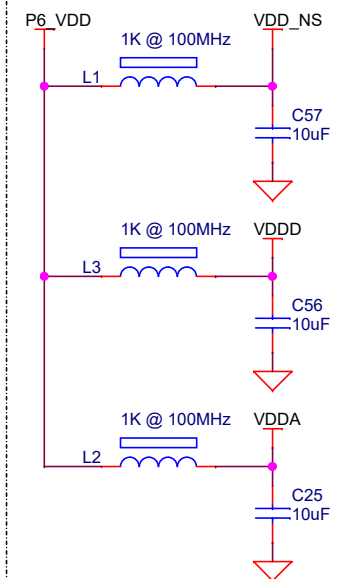
## PSoC 64 MCU USB Voltage



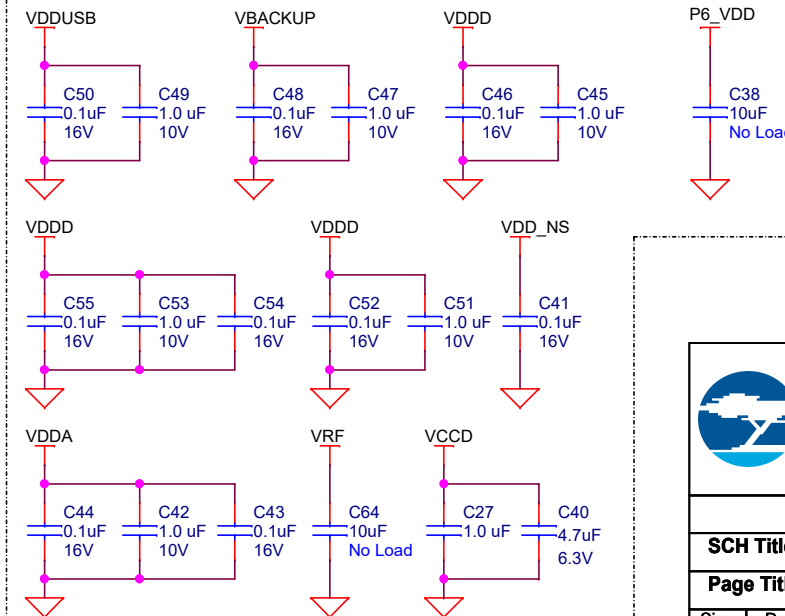
## VBACKUP



## PSoC 64 MCU Power IN



## PSoC 64 MCU Decoupling Capacitors



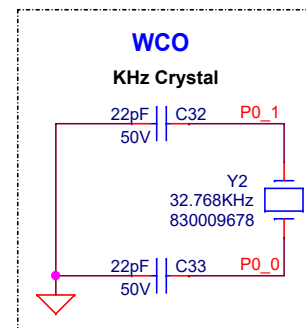
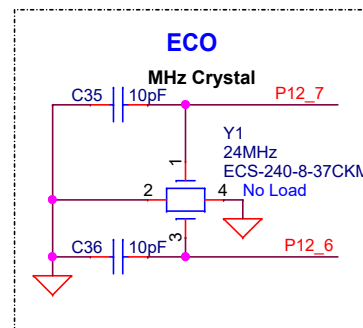
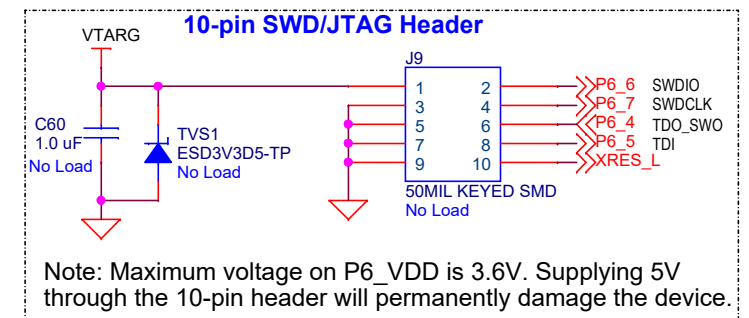
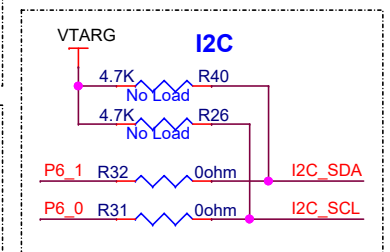
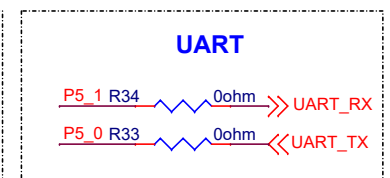
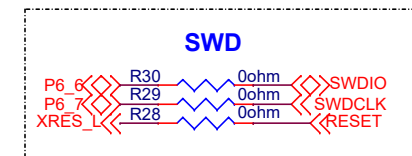
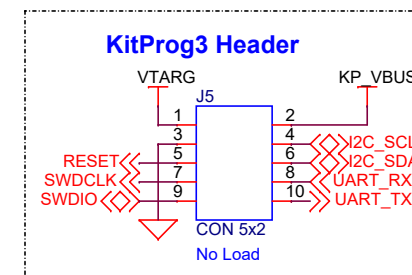
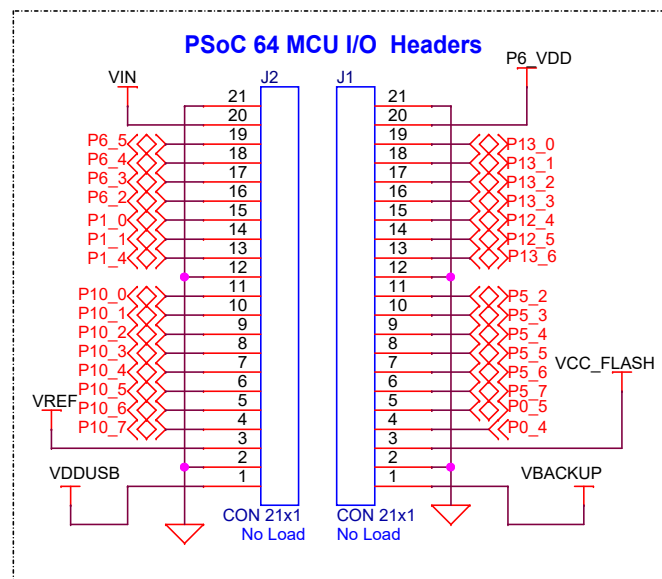
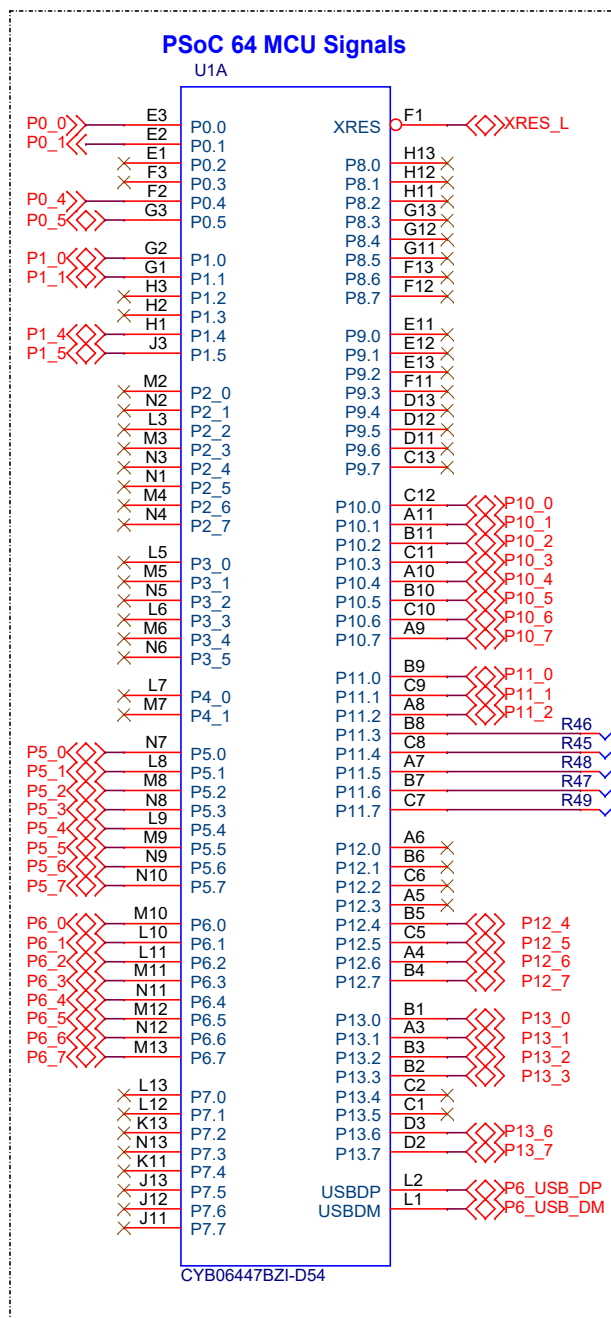
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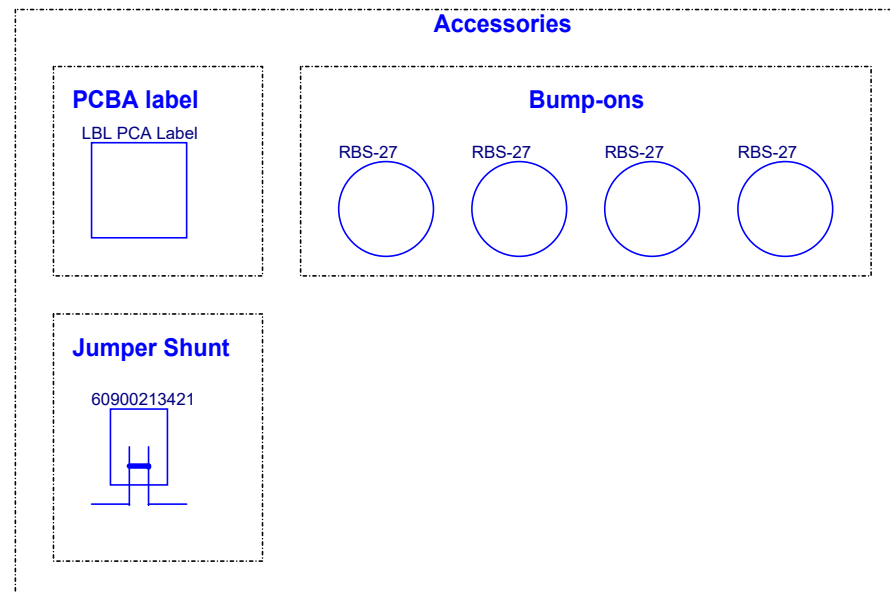
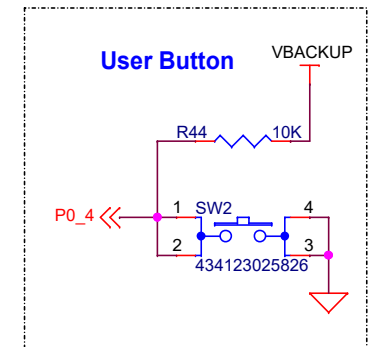
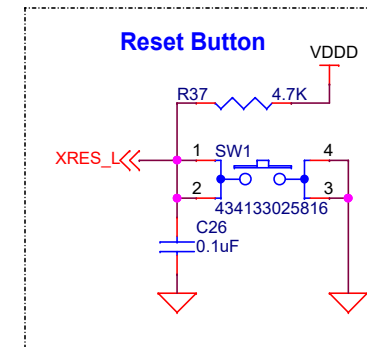
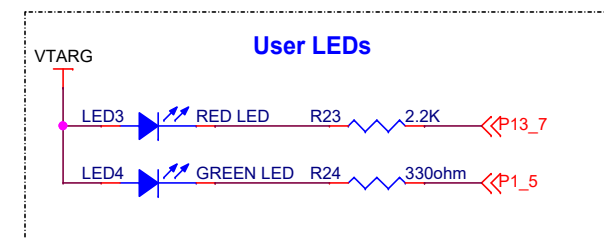
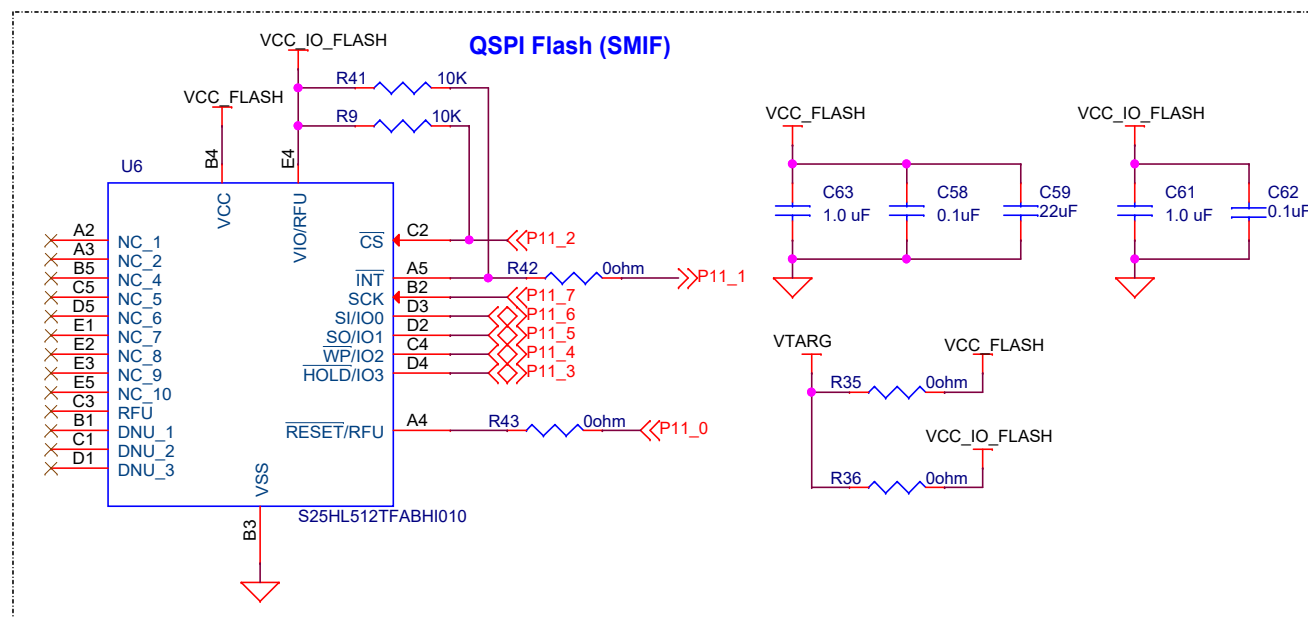
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REV	DESCRIPTION OF CHANGE	DATE
01	Initial Internal Release	2019/01/04
02	Internal Release	2019/01/24
03	Internal Release	2019/03/28
04	Internal Release	2019/09/23
05	Initial Release	2020/03/17



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