

CY8CPROTO-062-4343W PSoC 6 Wi-Fi BT Prototyping Kit

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Drawing Numbers

PCBA	121-60537-01
PCB	600-60537-01
FAB DRW	610-60537-01
ASSY DRW	620-60537-01
SCH DRW	630-60537-01



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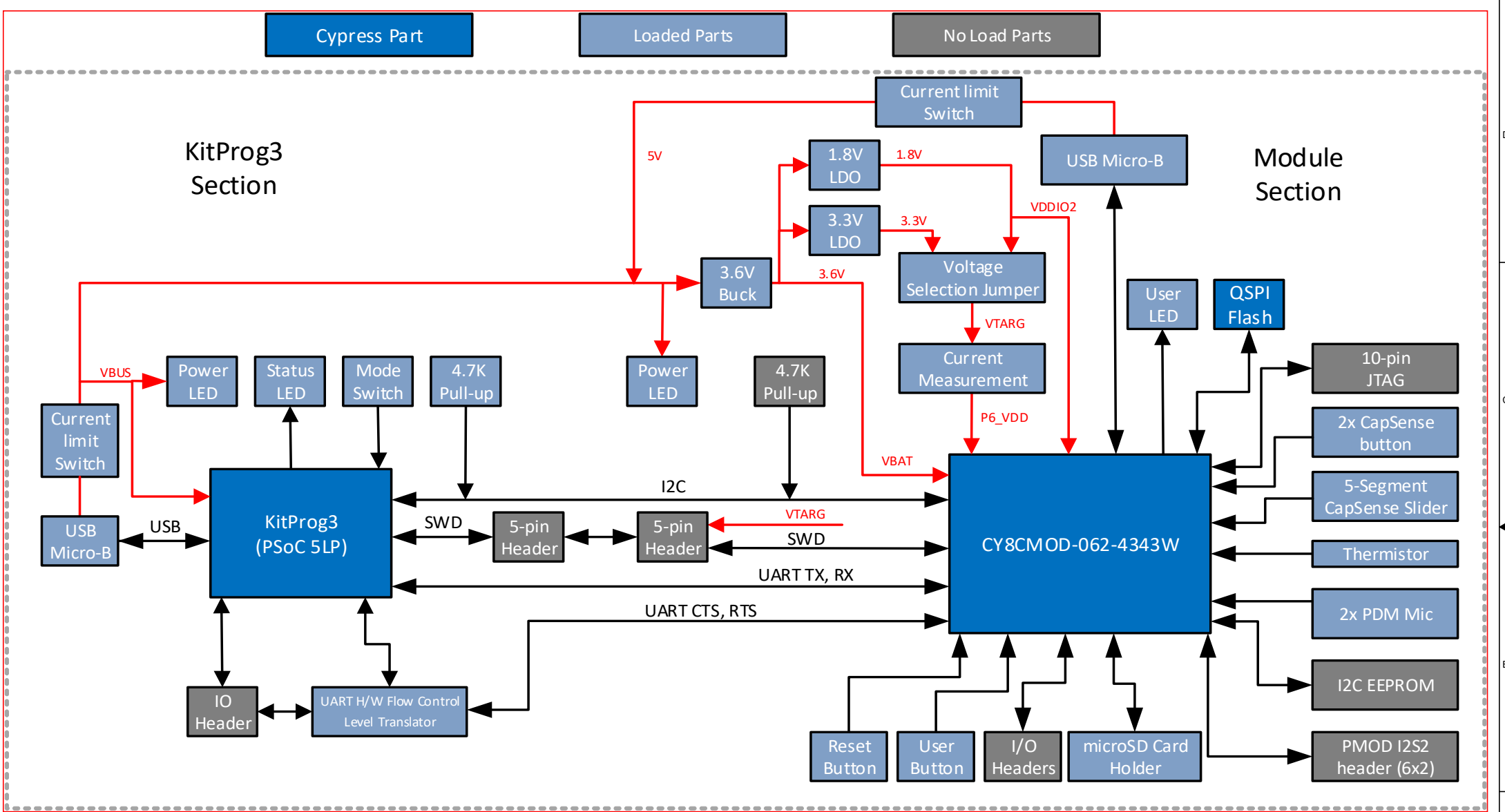
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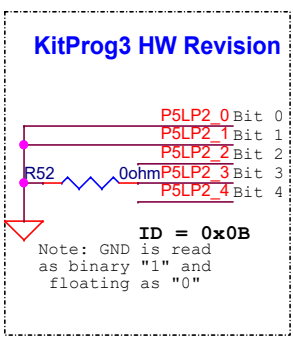
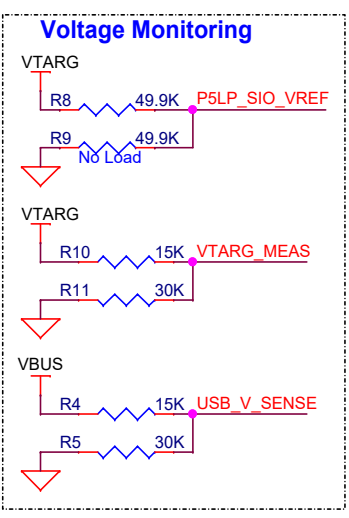
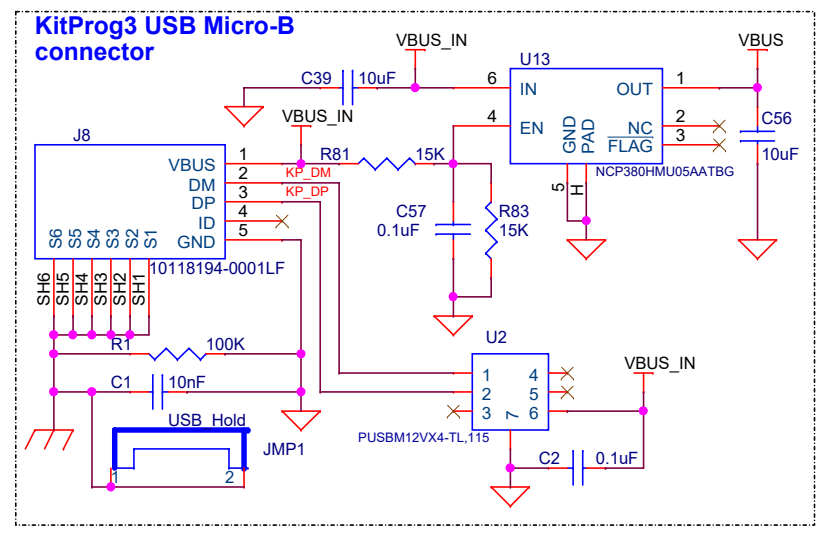
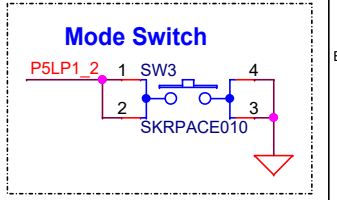
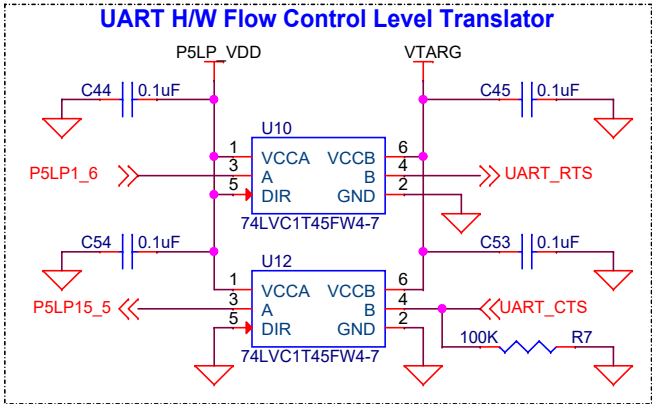
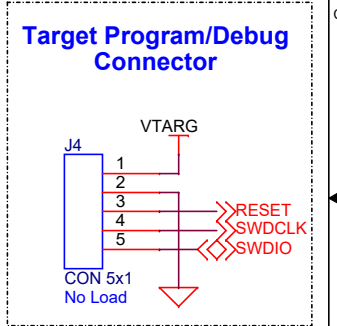
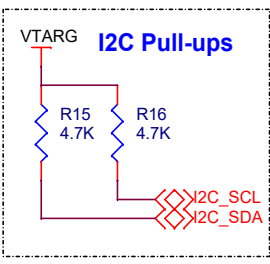
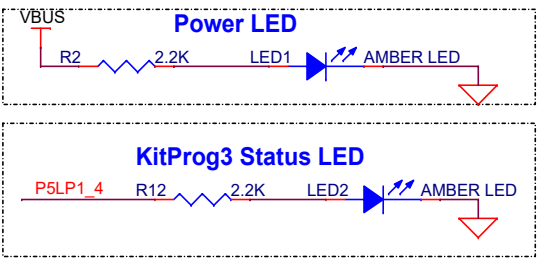
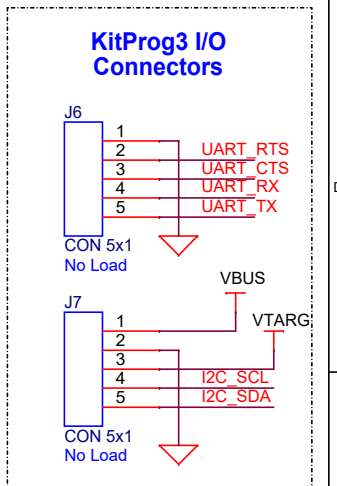
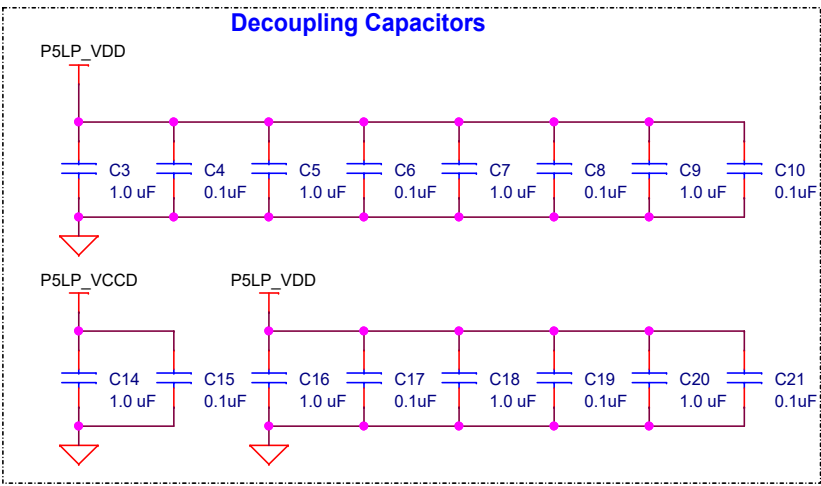
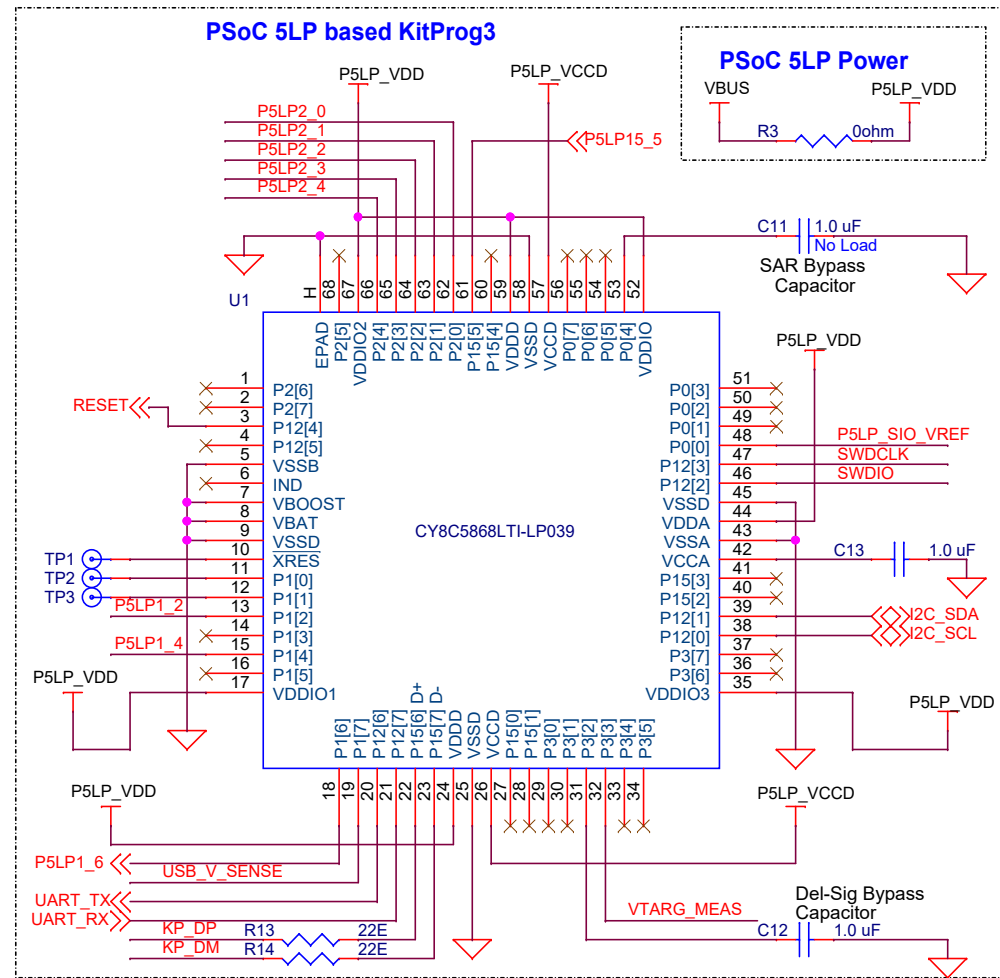
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SCH Title : PSoC 6 Wi-Fi BT Prototyping Kit

Page Title : Title Page

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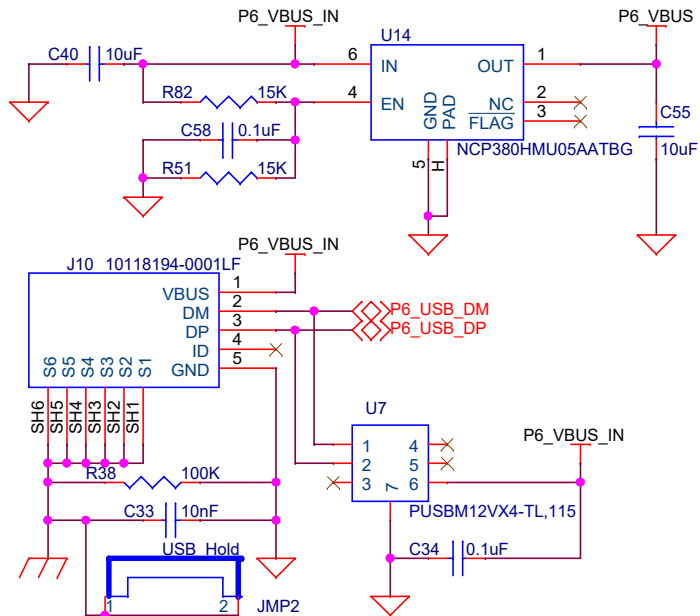
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SCH Title : PSoc 6 Wi-Fi BT Prototyping Kit

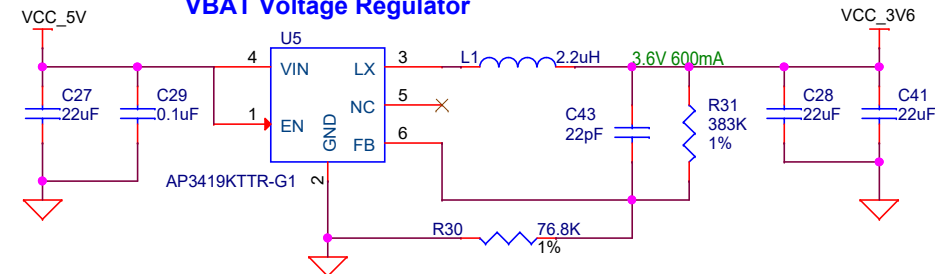
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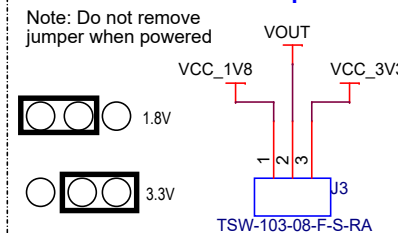
PSoC 6 MCU USB Device Micro-B connector



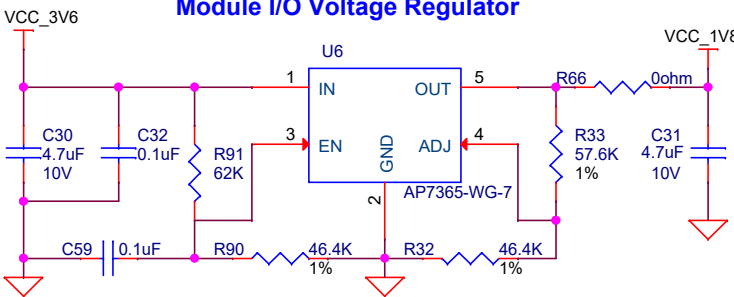
VBAT Voltage Regulator



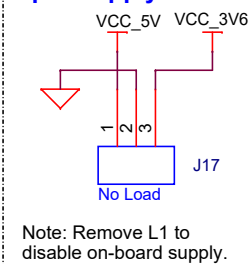
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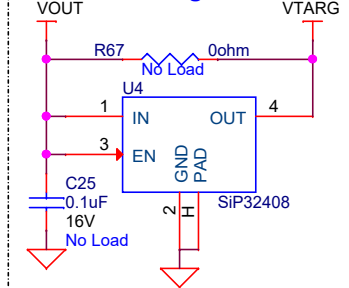
Module I/O Voltage Regulator



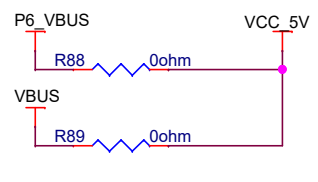
Input Supply Header



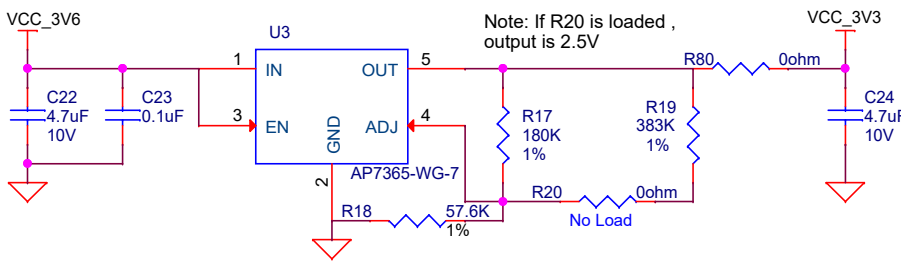
Reverse Voltage Protection



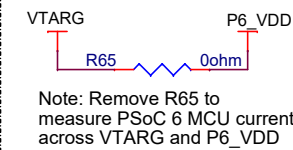
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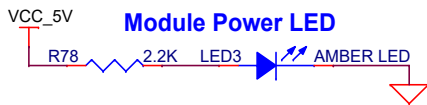
Module Variable Voltage Regulator



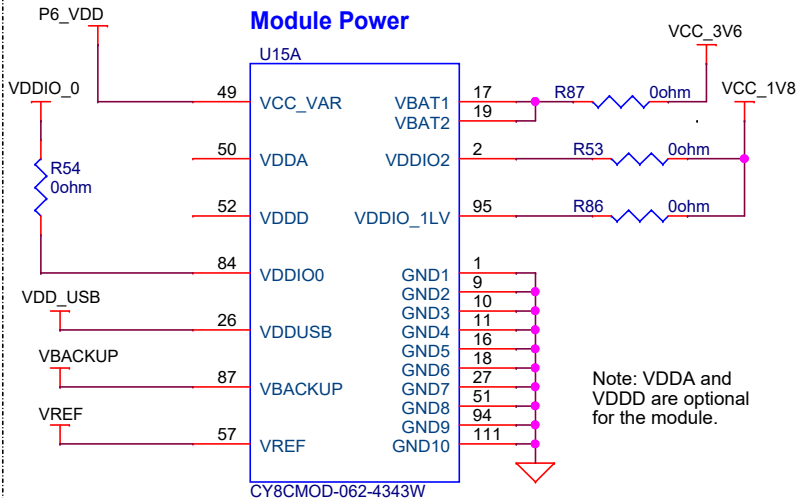
Current Measurement



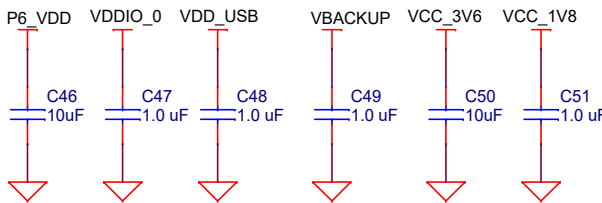
Module Power LED



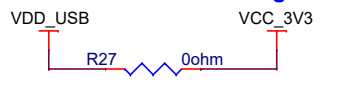
Module Power



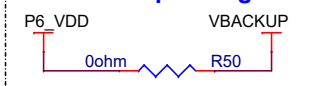
Decoupling Capacitors



PSoC 6 MCU USB Voltage



Backup Voltage



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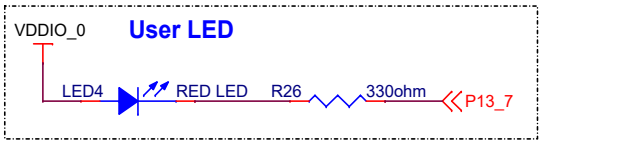
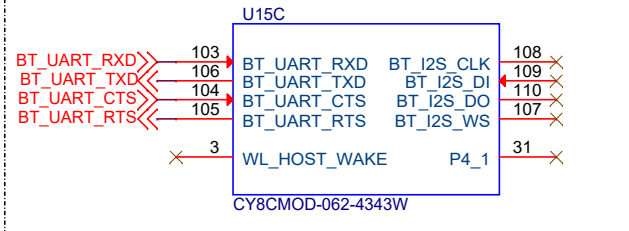
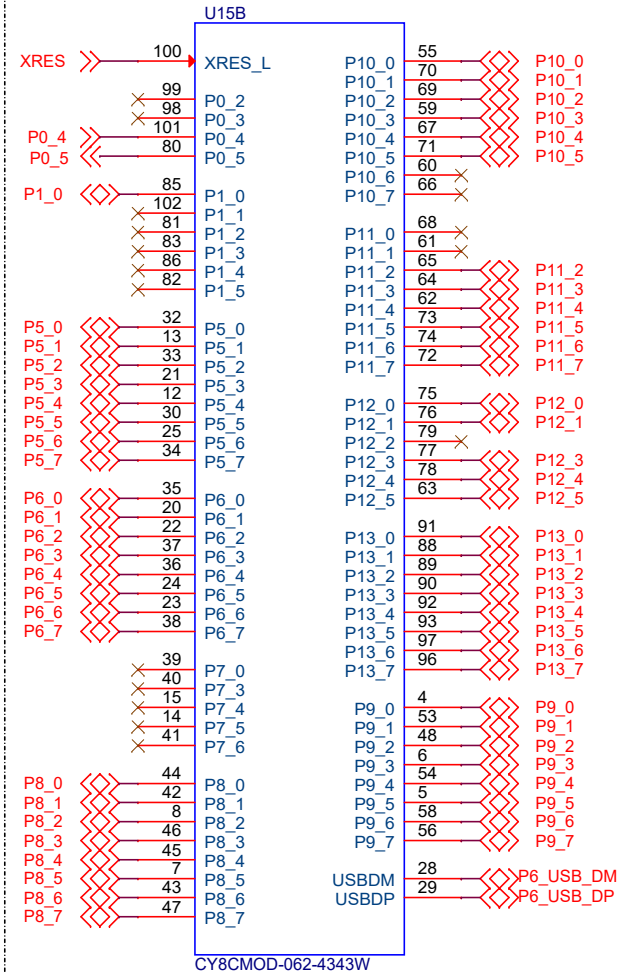
SCH Title : PSoc 6 Wi-Fi BT Prototyping Kit

Page Title : PSoc 6 Module Power

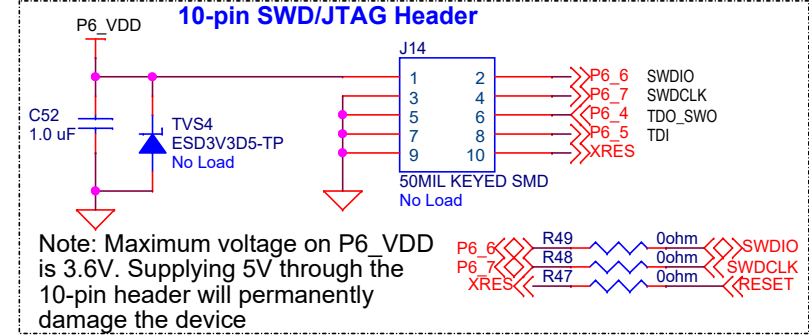
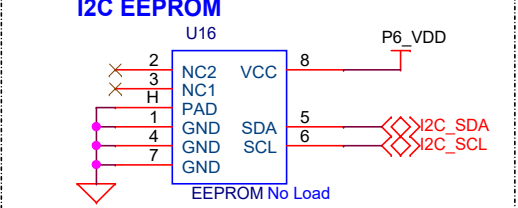
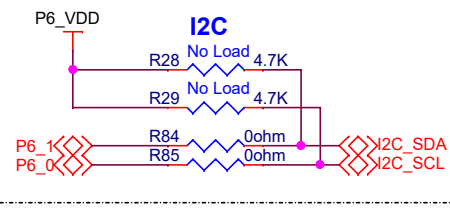
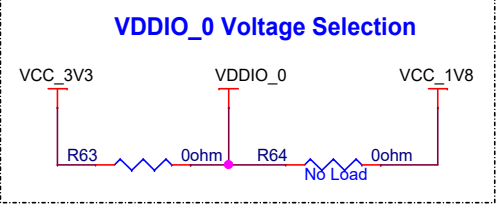
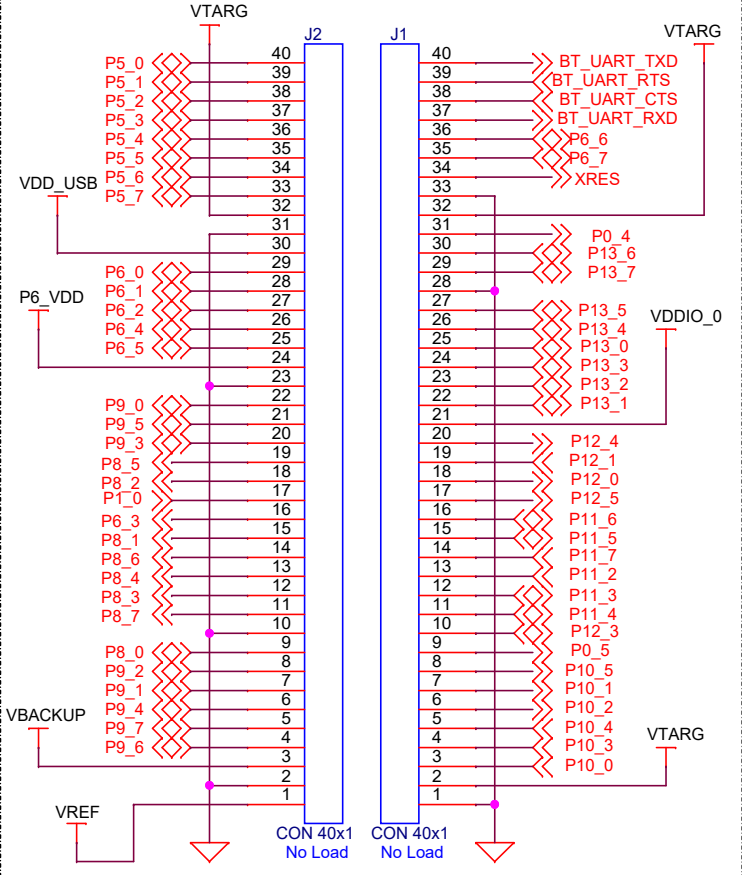
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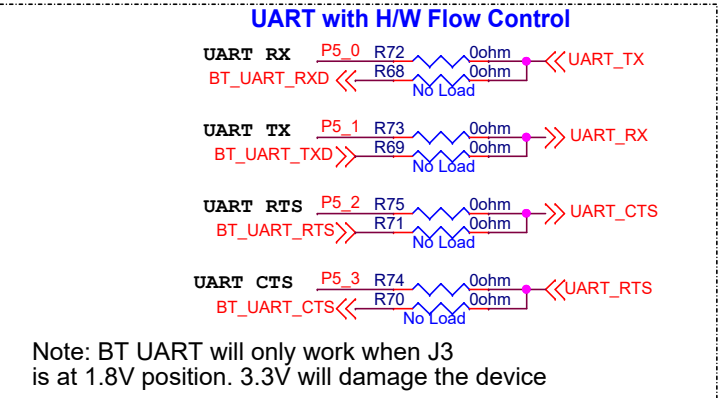
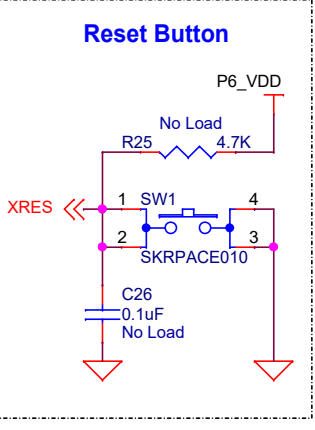
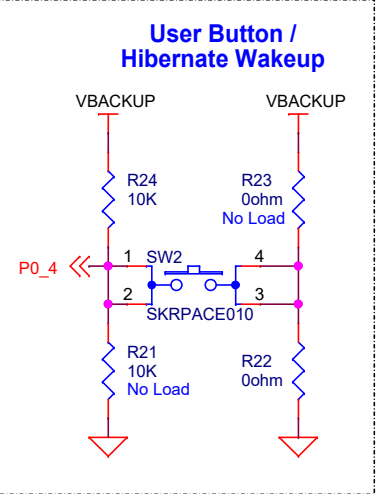
CY8CMOD-062-4343W Module Signals



PSoC 6 MCU I/O Headers



Note: Maximum voltage on P6_VDD is 3.6V. Supplying 5V through the 10-pin header will permanently damage the device

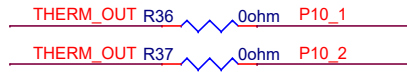


Note: BT UART will only work when J3 is at 1.8V position. 3.3V will damage the device

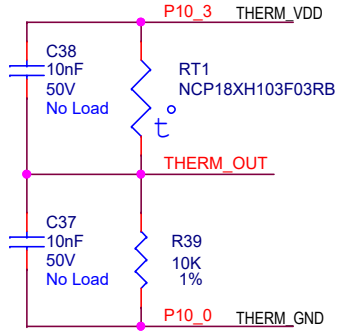


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Page Title : PSoc 6 Module Signals				
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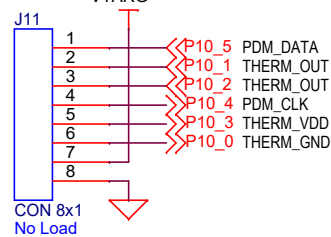
Thermistor and PDM Mic Section



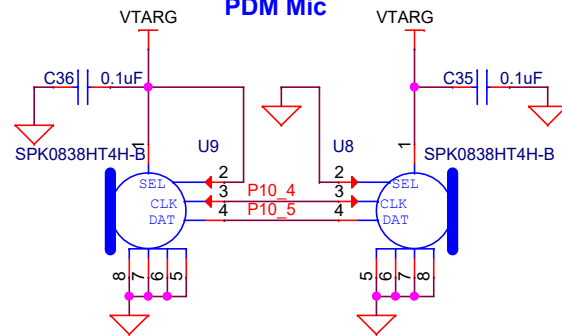
Thermistor



Header

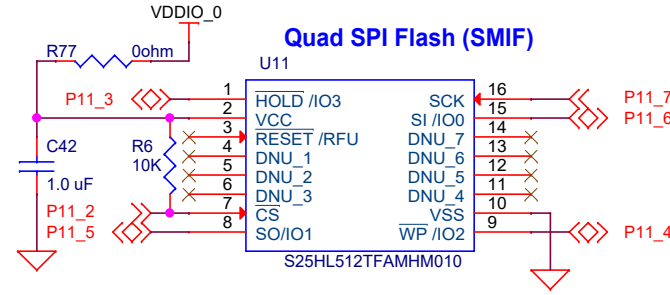


PDM Mic

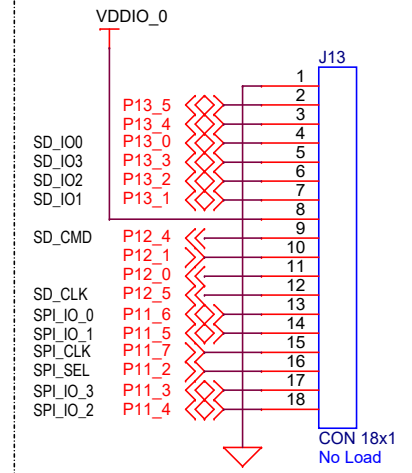


Quad SPI Flash Memory and microSD Card Section

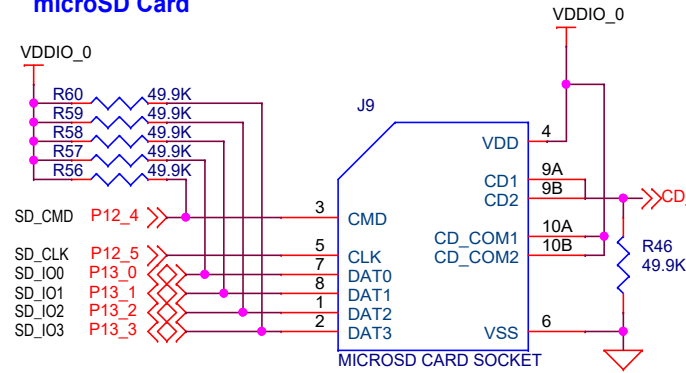
Quad SPI Flash (SMIF)



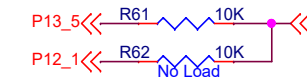
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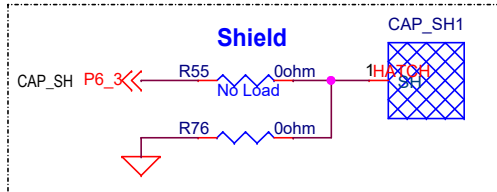
microSD Card



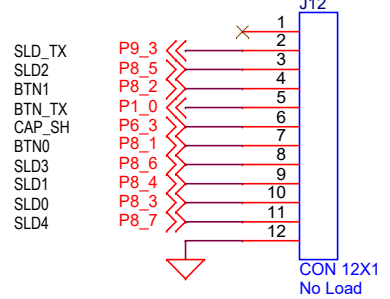
Card Detect Multiplexing



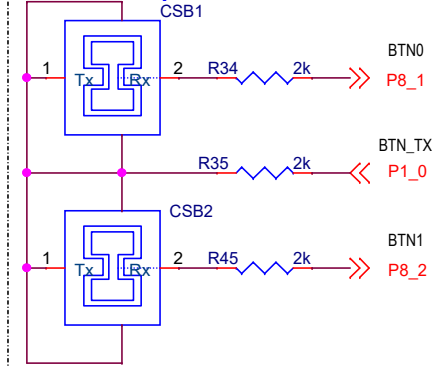
CapSense Section



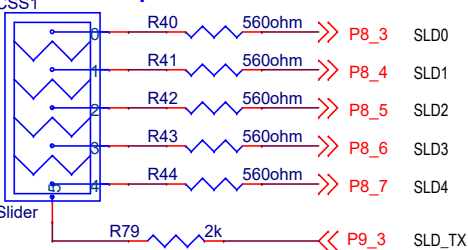
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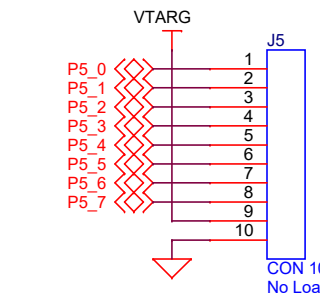
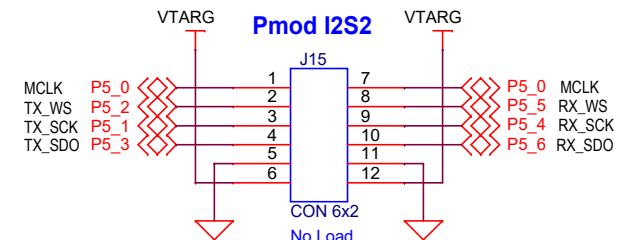
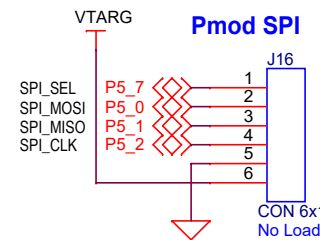
CapSense Buttons



CapSense Slider



Pmod Header Section



Note: Pmod I2S2 will only work when VTARG is 3.3V



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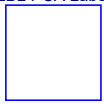
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Accessories

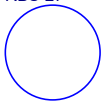
PCBA label

LBL PCA Label

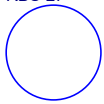


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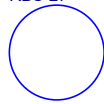
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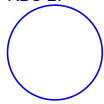
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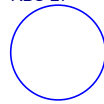
RBS-27



RBS-27

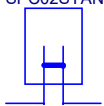


RBS-27



Jumper Shunt

SPC02SYAN

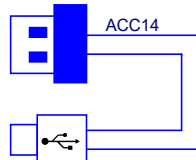


Acrylic Overlay

Acrylic Overlay

Color: Clear, Transparent
Finish: Matt

L = 89.26mm
W = 20.62mm
Thickness = 1mm



USB Micro-B Cable



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Page Title : Accessories

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REVISION HISTORY

REV	DESCRIPTION OF CHANGE	DATE
01	Initial Internal release	2018/08/13
02	Initial release	2018/08/21



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