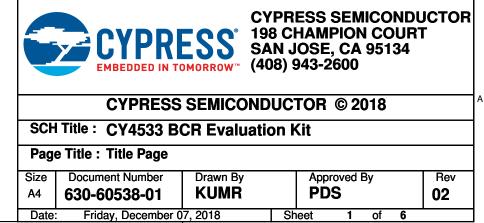
## **CY4533 BCR Evaluation Kit**

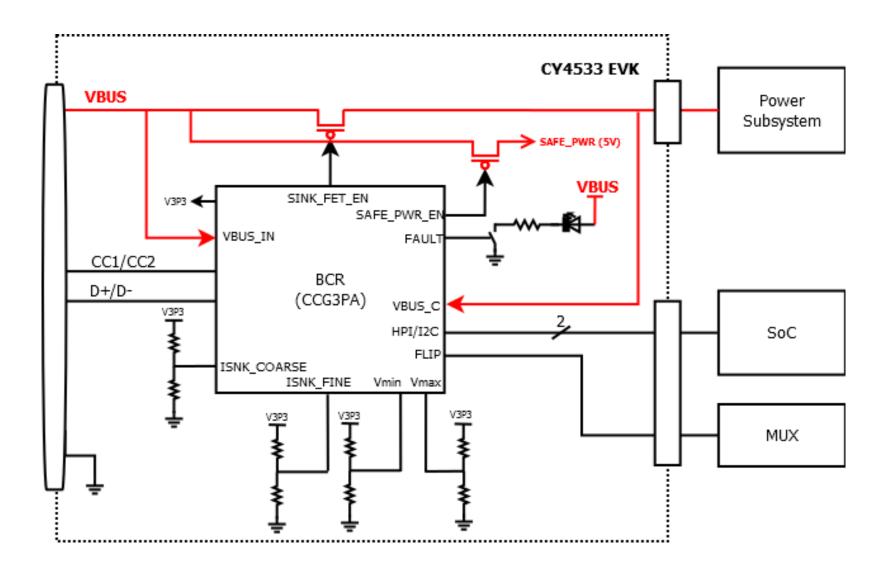
CONTENTS				
PAGE	DESCRIPTION			
01	Title, Table of Contents & Drawing Numbers			
02	Block Diagram			
03	BCR Connections			
04	Power Selectors and LEDs			
05	Type-C Connector and Load Switch			
06	Revision History			

<b>Drawing Numbers</b>					
PCBA	121-60538-01				
PCB	600-60538-01				
FAB DRW	610-60538-01				
ASSY DRW	620-60538-01				
SCH DRW	630-60538-01				



3

# **CY4533 BLOCK DIAGRAM**





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Approved By

**PDS** 

Rev

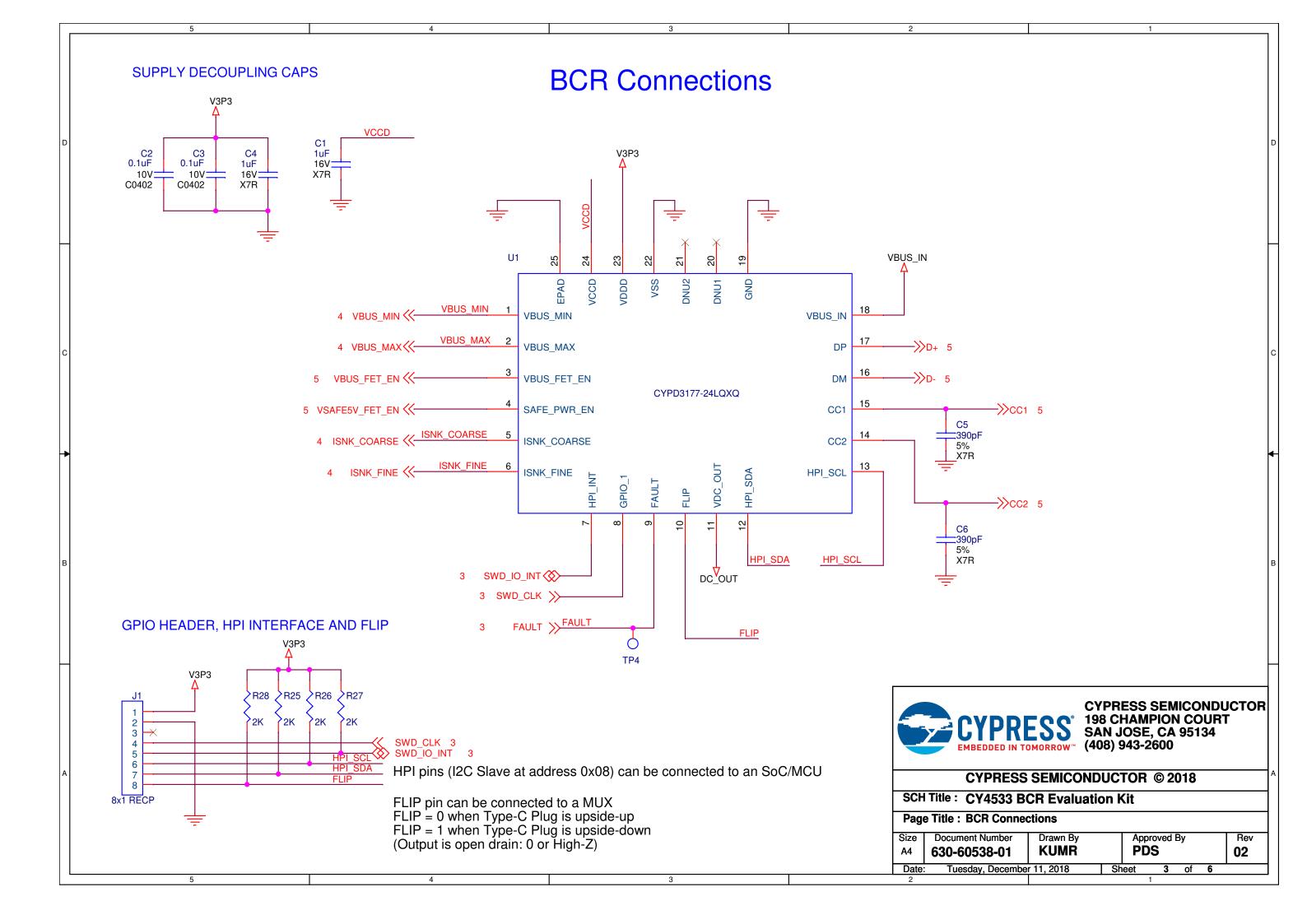
02

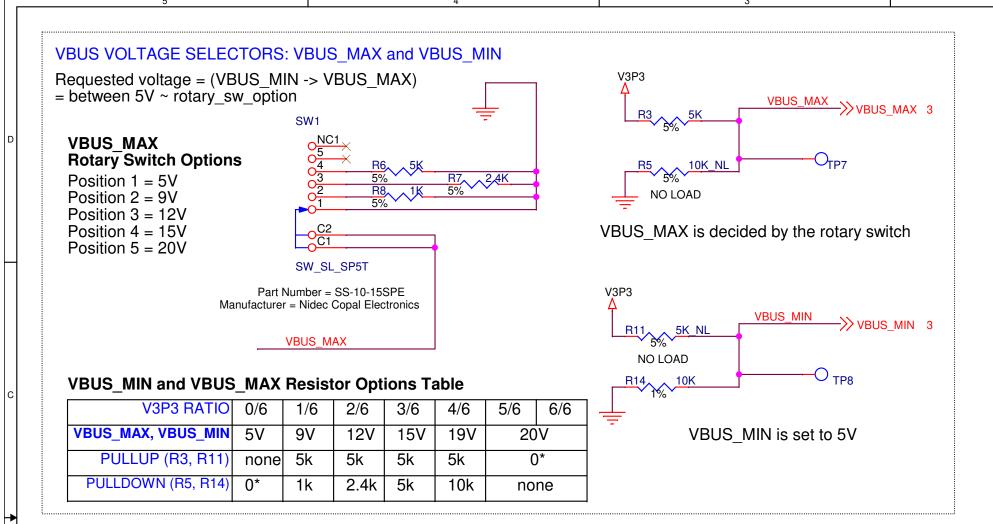
### **CYPRESS SEMICONDUCTOR © 2018**

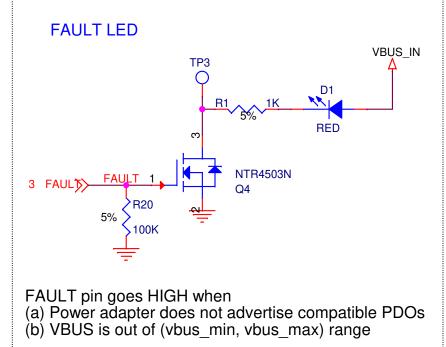
SCH Title: CY4533 BCR Evaluation Kit

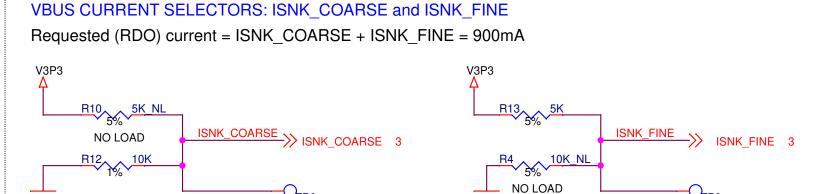
Page Title: Block Diagram

Size Document Number Drawn By **KUMR** 630-60538-01 Friday, December 07, 2018 Sheet









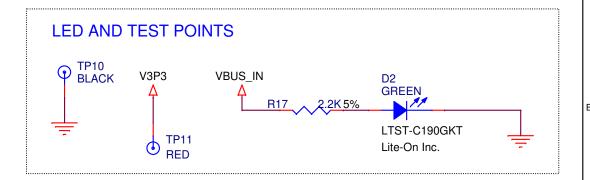
ISNK\_COARSE is set to 0A

ISNK\_FINE is set to +900mA

## ISNK\_COARSE and ISNK\_FINE Resistor Options Table

V3P3 RATIO	0/6	1/6	2/6	3/6	4/6	>=5/6
ISNK_COARSE	0A	1A	2A	3A	4A	5A
ISNK_FINE	0mA	250mA	500mA	750mA	900mA	
PULLUP (R10, R13)	none	5k	5k	5k	5k	0*
PULLDOWN (R12, R4)	0*	1k	2.4k	5k	10k	none

\* When pullup-pulldown combination is 0-none or none-0, use any resistor instead of 0-ohm





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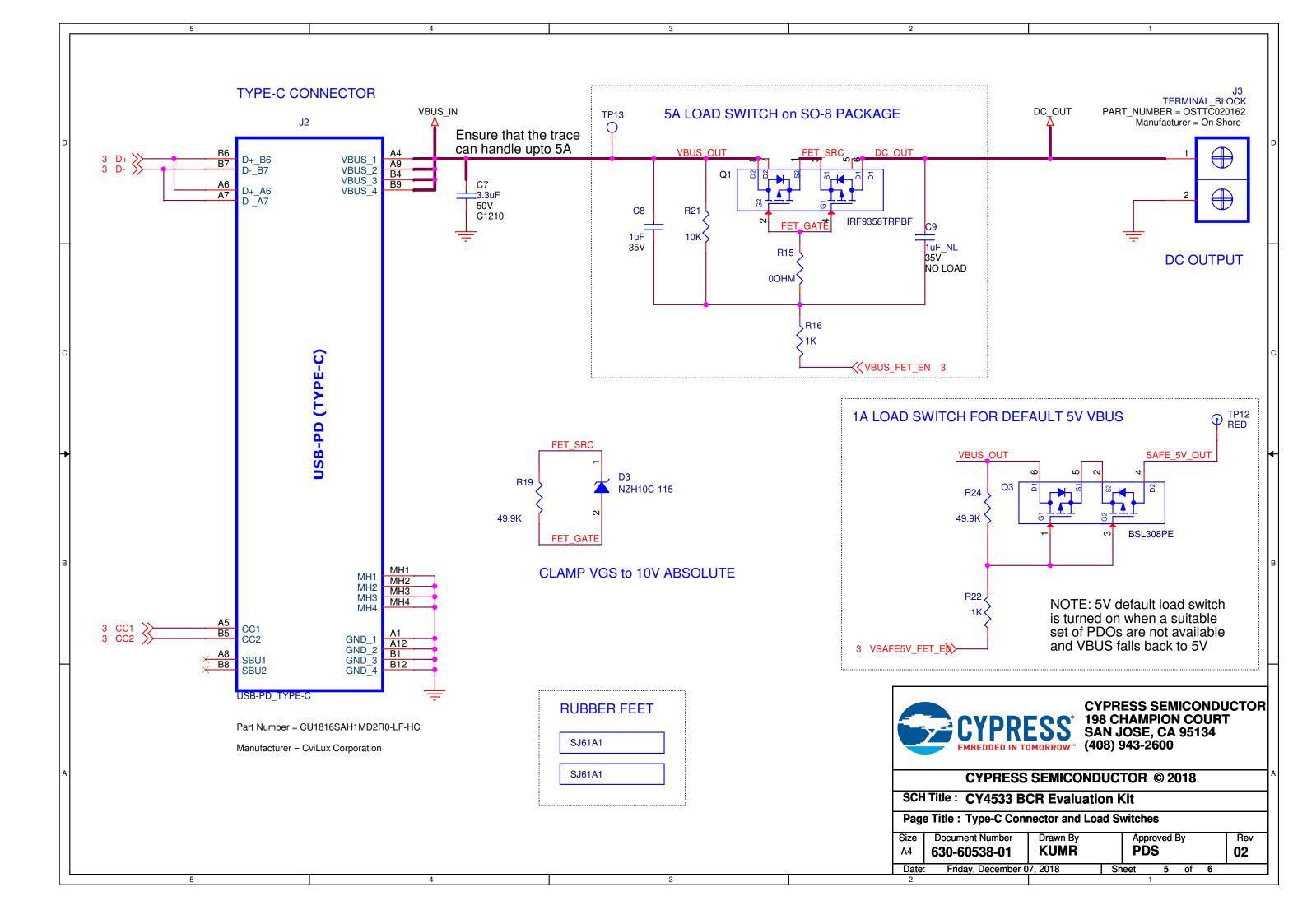
SCH Title: CY4533 BCR Evaluation Kit

Page Title: Power Selectors and LEDs

| Size | Document Number | Drawn By | | A4 | 630-60538-01 | KUMR |

JMR Approved By PDS

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REVISION HISTORY				
REV	DESCRIPTION OF CHANGE	DATE		
01	Internal release of the CY4533 EVK schematic	2018/09/24		
02	Change P-FET to IRF9358TRPBF. Add RC network on drain-source pins of FET. Change BCR and rubber feet P/N	2018/12/07		



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SCH Title: CY4533 BCR Evaluation Kit

Page Title: Revision History

Document Number 630-60538-01 Date: Friday, December 07, 2018

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