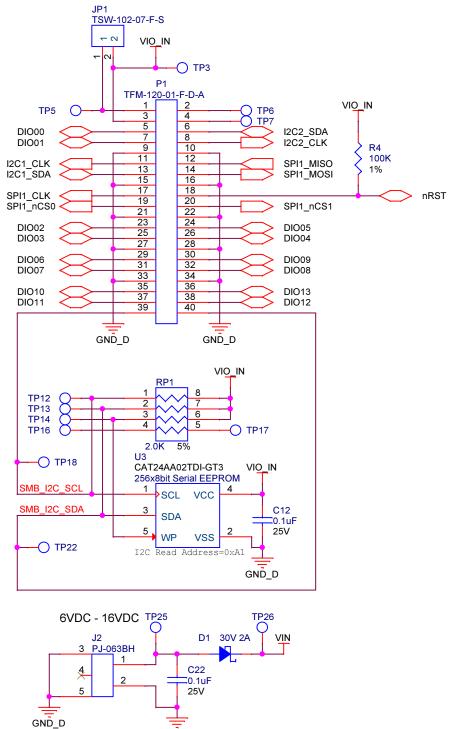
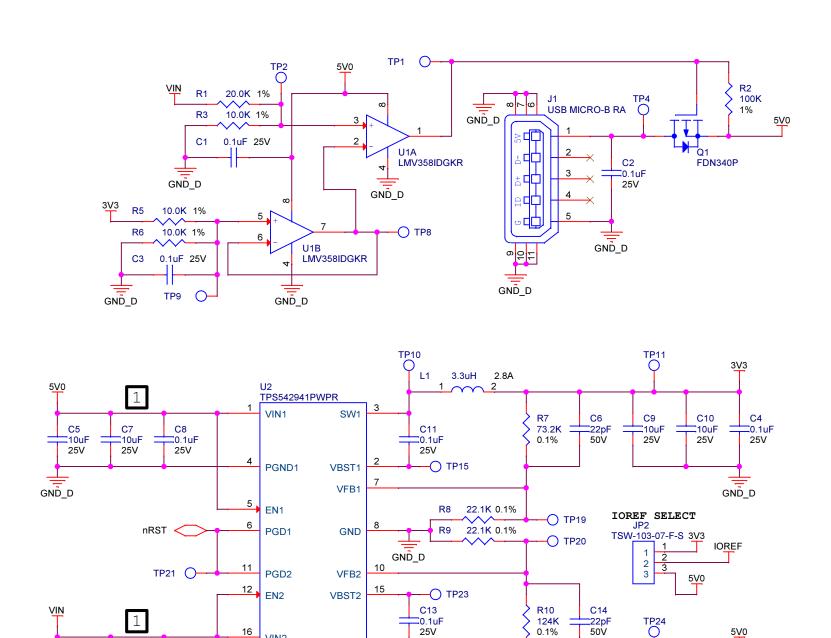
1.5 Refer to Change Order 8 CO8 10/03/2015 BEH





VIN2

13 17 PGND2 PAD

C17 =0.1uF 25V

C16

=10uF 25V

=10uF 25V

GND_D

SW2

VREG5

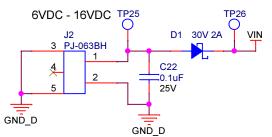
1 2 L2 4.7uH 2.5A

TP27 TP28

C21

□0.1uF 25V

GND_D



Place decoupling capacitors as close to IC pins as possible.

krtkl	krtkl in 350 To Suite 3 San F +1 419	ow 30 ra
Copyright 2015 kritkl inc. This schematic is		NA
copyright 2015 kinkl inc. This schematic is made available under a Creative Commons Attribution-ShareAlike 40 International License	DRAWN BY	В
To view a copy of this license please visit	CHECKED BY	J.
BY SA http://creativecommons.org/licenses/by-sa/4.0/		_

C18

25V

C19

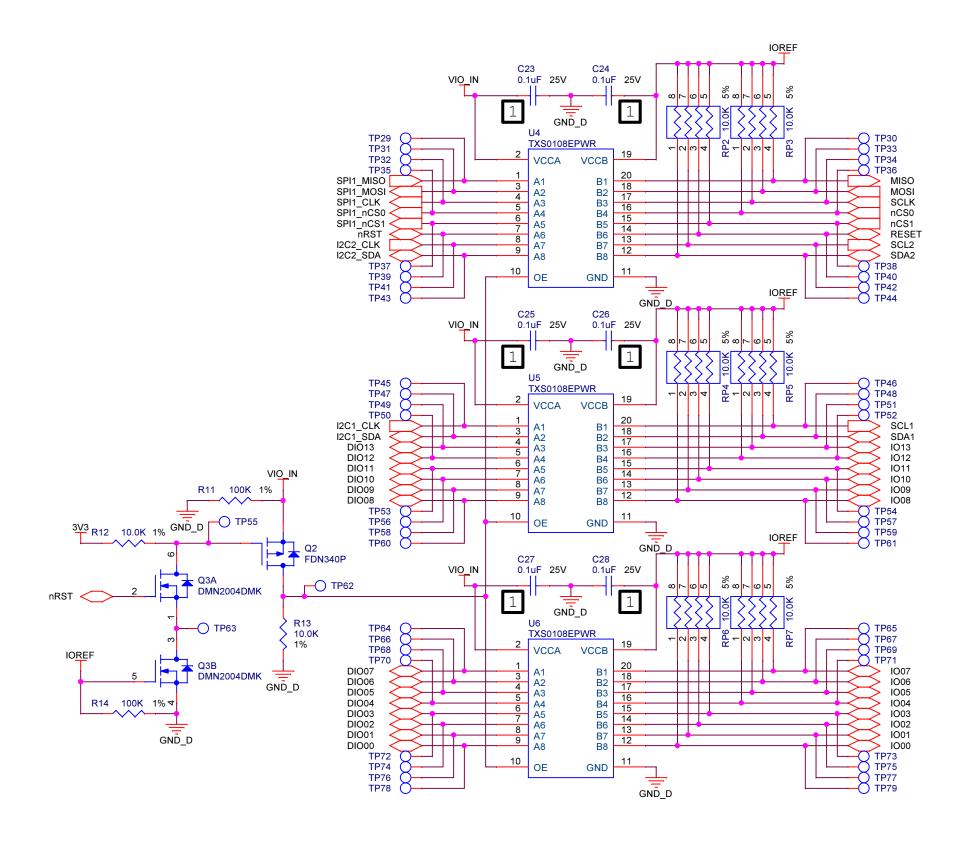
C20

-0.1uF

25V

GND_D

	krtkl inc. 350 Townsend Street			shieldBuddy for Arduino			
Suite 301A				PATH/			
	San Francisco, CA 94107 +1 415 857 4857			Interface & Power Supplies			
		NAME	DATE	SIZE	DRAWING NO.	REV	
	DRAWN BY	B. Hammond	10/02/2015	В	15081801-01	1.5	
	CHECKED BY	J. Weatherbee	10/03/2015	D			
	APPROVED BY	R. Cousins	10/04/2015		SHEET 1 OF 4		

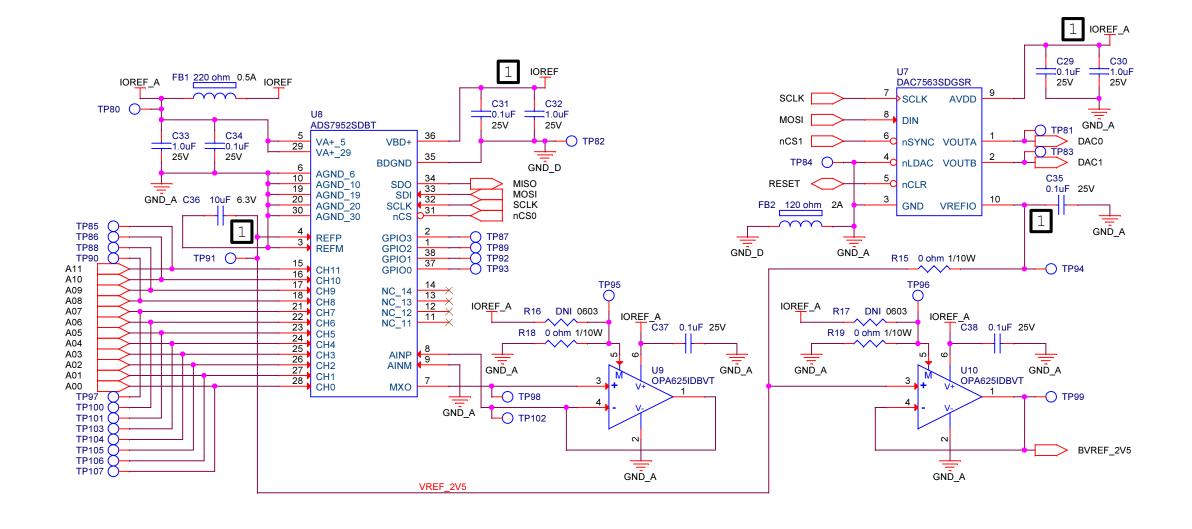


Place decoupling capacitors as close to IC pins as possible.

krtkl	krtkl ir 350 To Suite San F +1 41
Copyright 2015 krtkl inc. This schematic is	
made available under a Creative Commons Attribution-ShareAlike 4.0 International License.	DRAWN BY
To view a copy of this license please visit http://creativecommons.org/licenses/by-sa/4.0/	CHECKED BY

krtkl ir	nc. ownsend Stree		shieldBuddy for Arduino				
Suite	301A		PATH/				
San Francisco, CA 94107 +1 415 857 4857			DIO Level Translation				
	NAME	DATE	SIZE	DRAWING NO.	REV		
DRAWN BY	B. Hammond	10/02/2015	R	15081801-01	1.5		
CHECKED BY	I Westborbee	10/02/2015	1 D		_		

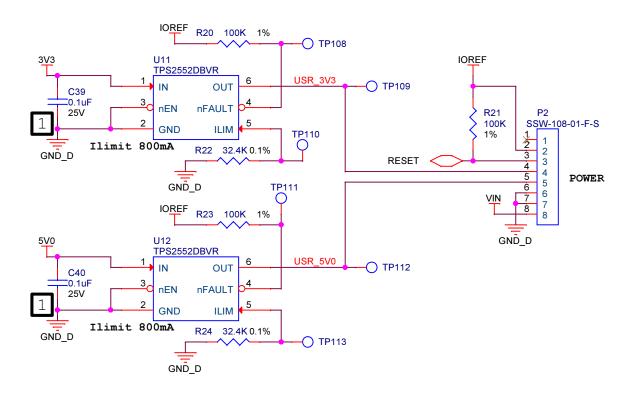
SHEET 2 OF 4

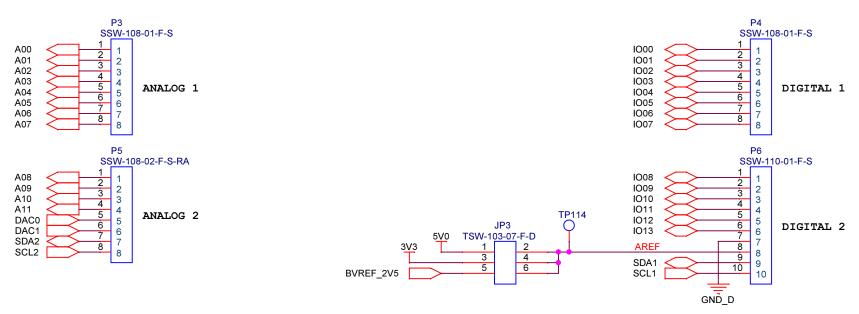


NOTES: 1 Pla

Place decoupling capacitors as close to IC pins as possible.

	K	rtkl	krtkl inc. 350 Townsend Street Suite 301A San Francisco, CA 94107 +1 415 857 4857			ShieldBuddy for Arduino PATH DESCRIPTION Analog I/O		
Ī		Copyright 2015 krtkl inc. This schematic is		NAME	DATE	SIZE	DRAWING NO.	REV
	(A) (D)	copyright 2015 krixi inc. This schematic is made available under a Creative Commons Attribution-ShareAlike 4 0 International I icense	DRAWN BY	B. Hammond	10/02/2015	Ь	15081801-01	1.5
	BY SA	Auribution-SnareAlike 4.0 International License. To view a copy of this license please visit http://creativecommons.org/licenses/by-sa/4.0/	CHECKED BY	J. Weatherbee	10/03/2015	В		
		APPROVED BY	R. Cousins	10/04/2015		SHEET 3 OF 4		





NOTES:

1 Place decoupling capacitors as close to IC pins as possible.



	krtkl ir 350 To Suite	ownsend Stree	et	shieldBuddy for Arduino				
San Francisco, CA 94107 +1 415 857 4857			DESCRIPTION User I/O Interface					
		NAME	DATE	SIZE	DRAWING NO.			
	DRAWN BY	B. Hammond	10/02/2015	В	15081801-01			
	CHECKED BY	J. Weatherbee	10/03/2015	D				
	APPROVED BY	R. Cousins	10/04/2015		SHEET 4 OF 4			

1.5