

Power Distribution

Revision 4

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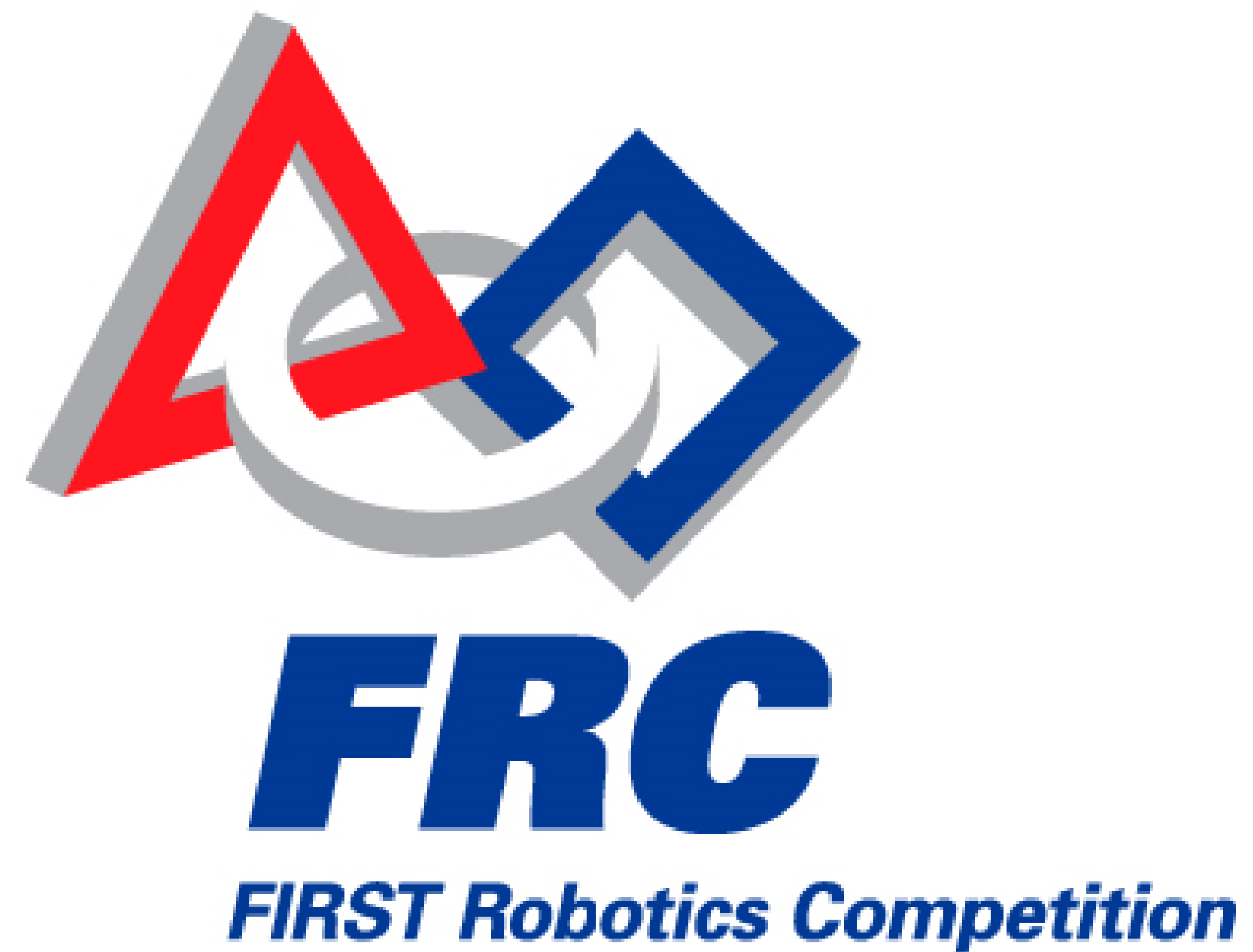


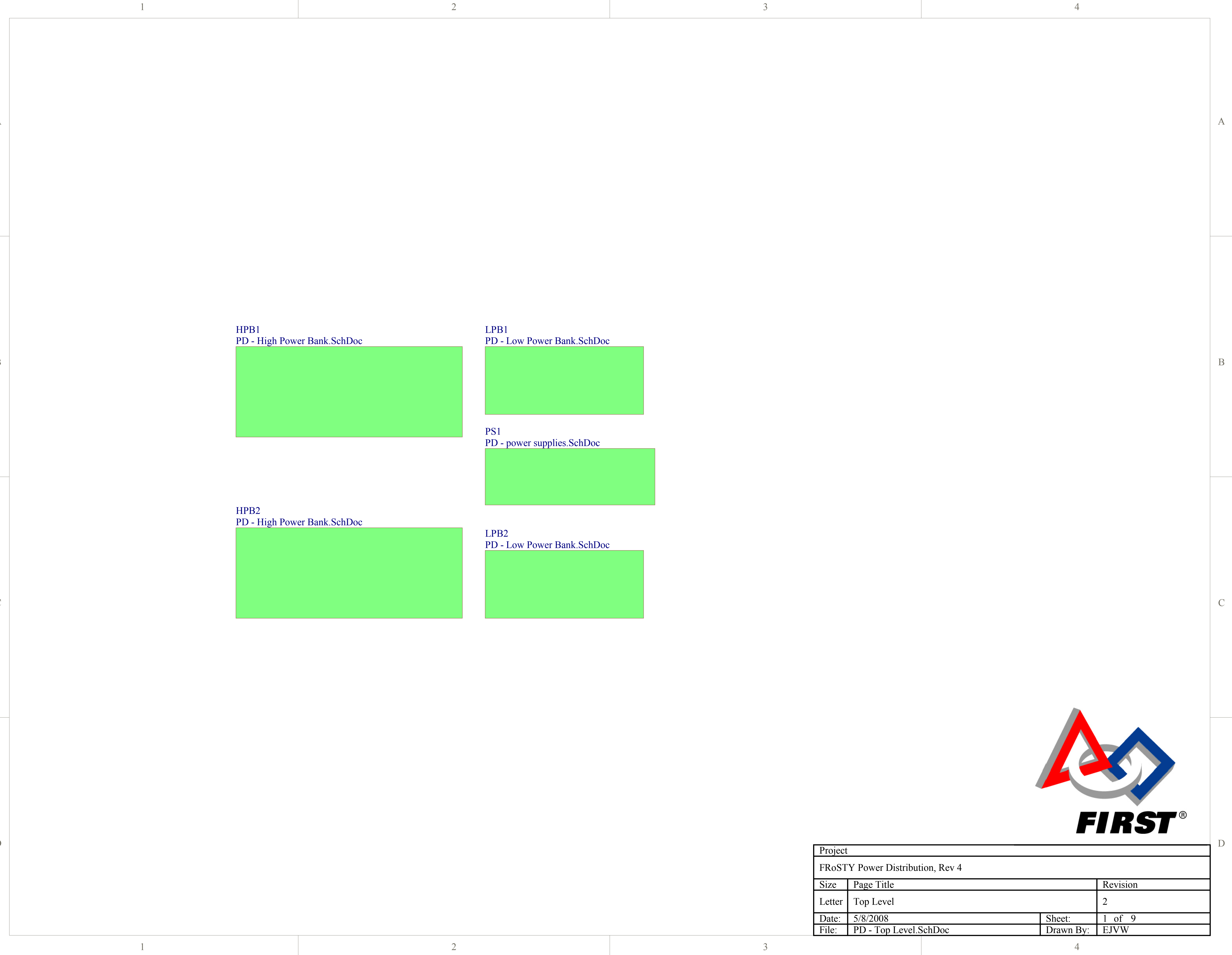
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These design packages are made available primarily to serve as an educational tool. Mentors are strongly encouraged to use them to help their students learn more about electronics.





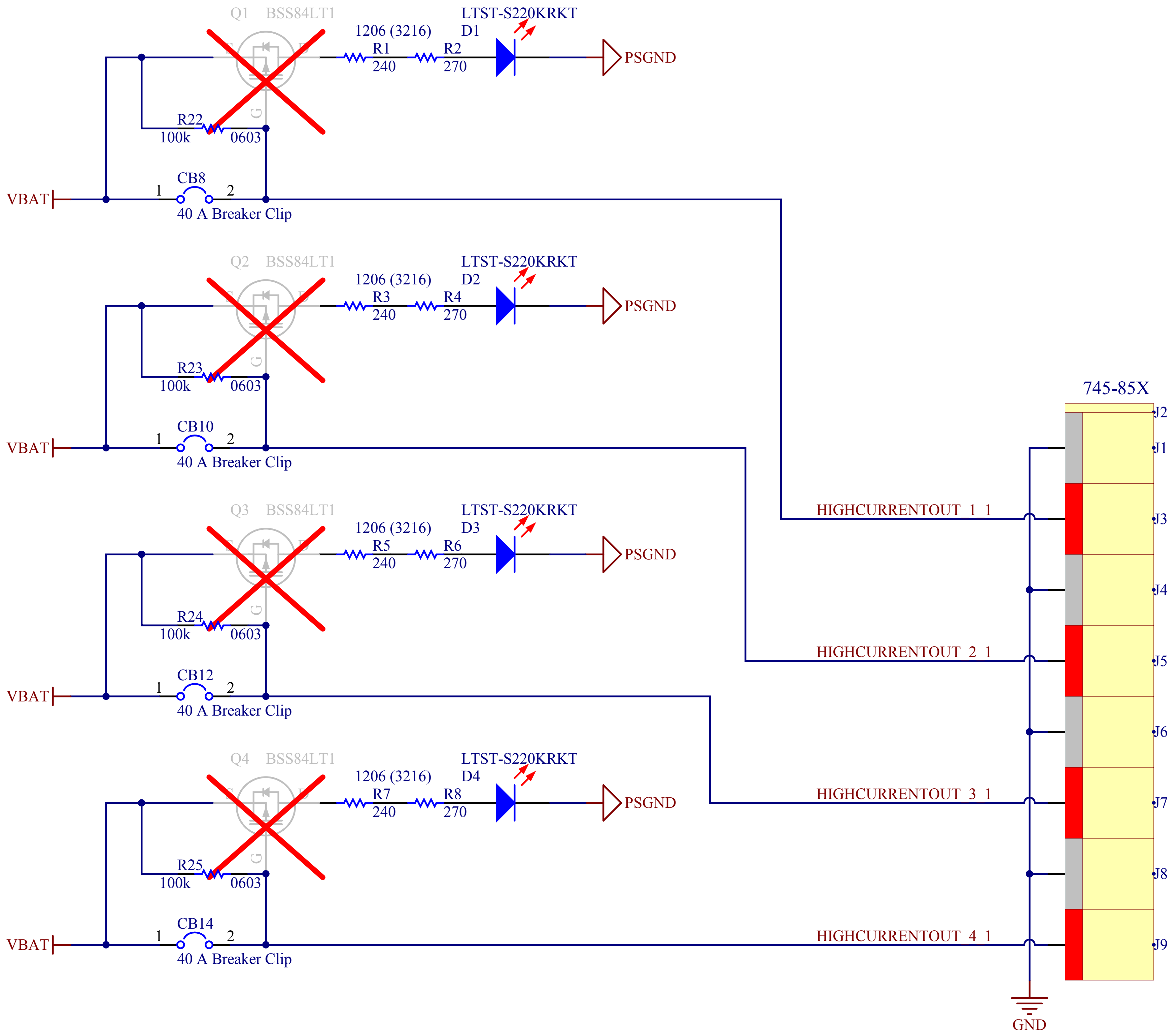
Project			
FRoSTY Power Distribution, Rev 4			
Size	Page Title		Revision
Letter	Top Level		2
Date:	5/8/2008	Sheet:	1 of 9
File:	PD - Top Level.SchDoc	Drawn By:	EJW

A

B

C

D



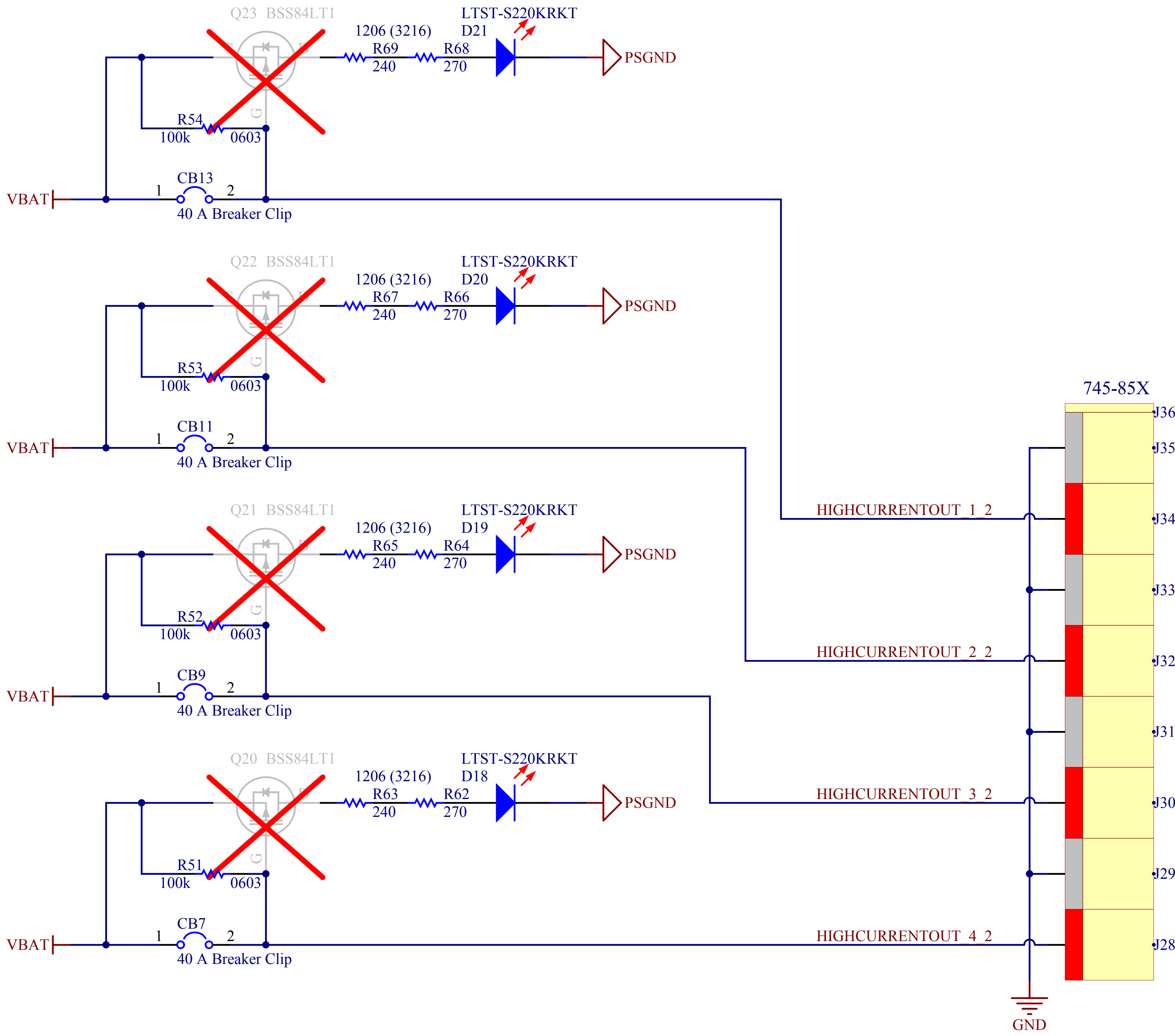
Project			
FRoSTY Power Distribution, Rev 4			
Size	Page Title		Revision
Letter	High Power Bank		1
Date:	6/19/2008	Sheet:	2 of 9
File:	PD - High Power Bank.SchDoc	Drawn By:	EJW

A

B

C

D



Project			
FRoSTY Power Distribution, Rev 4			
Size	Page Title		Revision
Letter	High Power Bank		1
Date:	6/19/2008	Sheet:	3 of 9
File:	PD - High Power Bank.SchDoc	Drawn By:	EJW

A

B

C

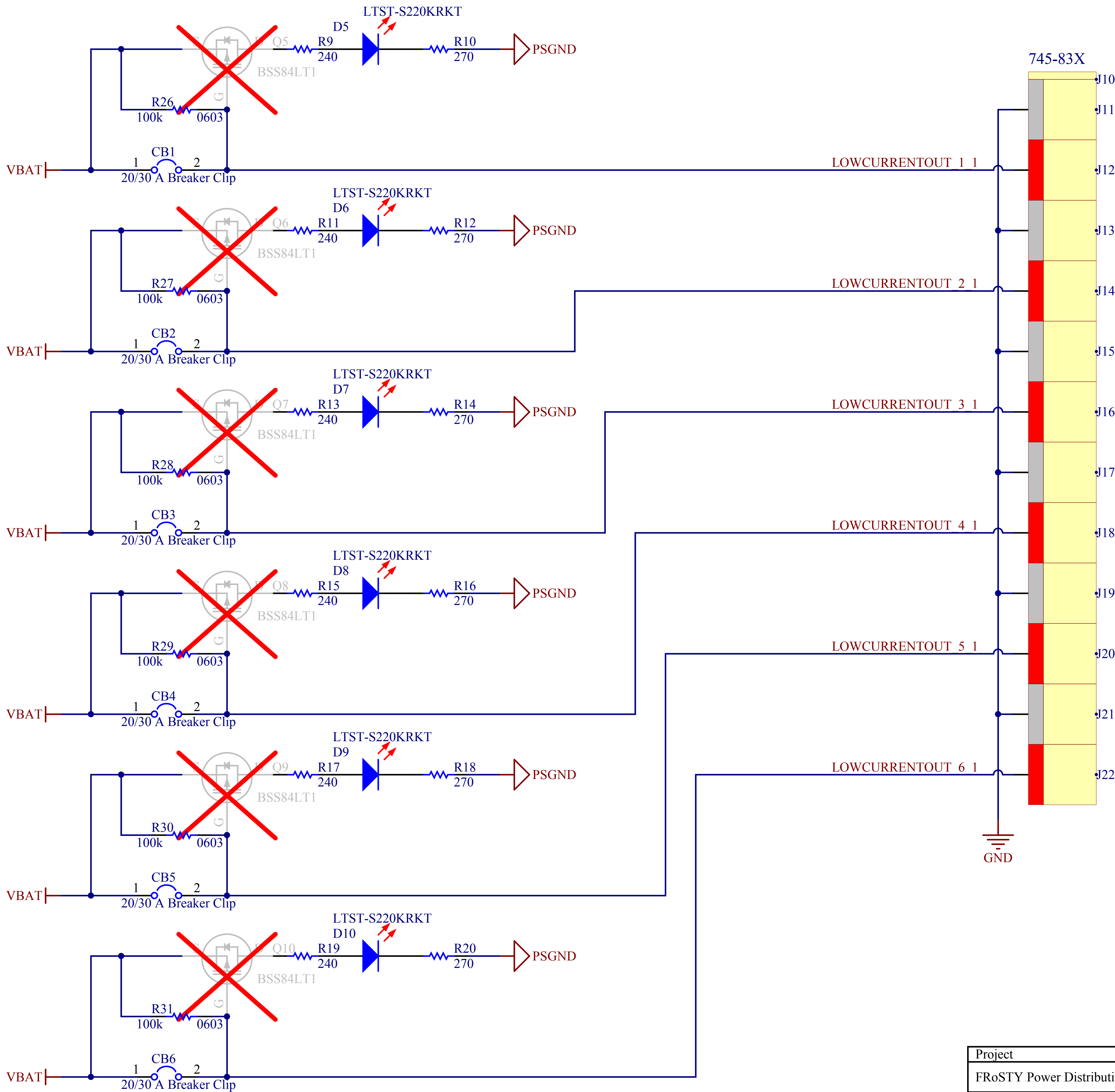
D

A

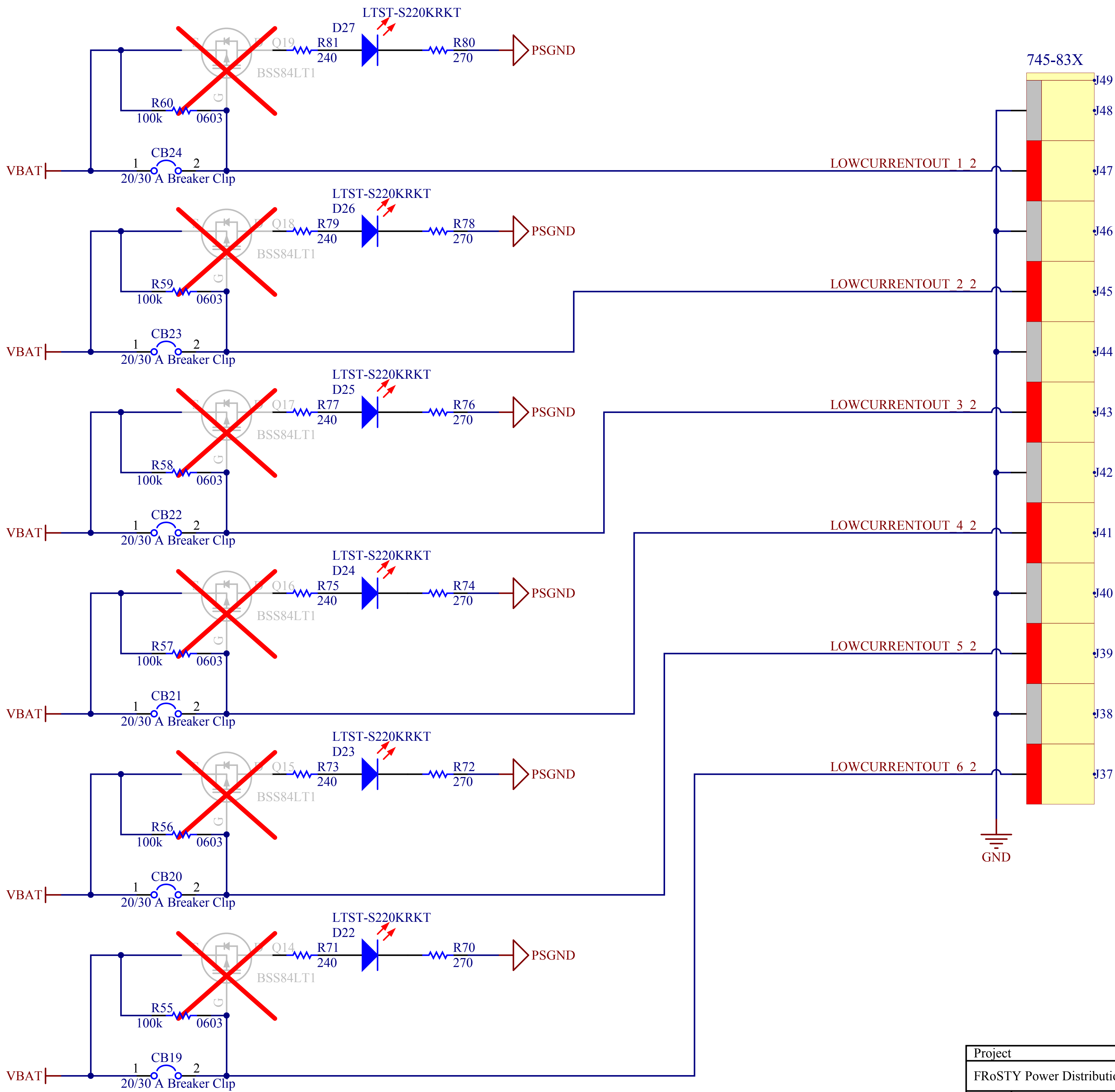
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C

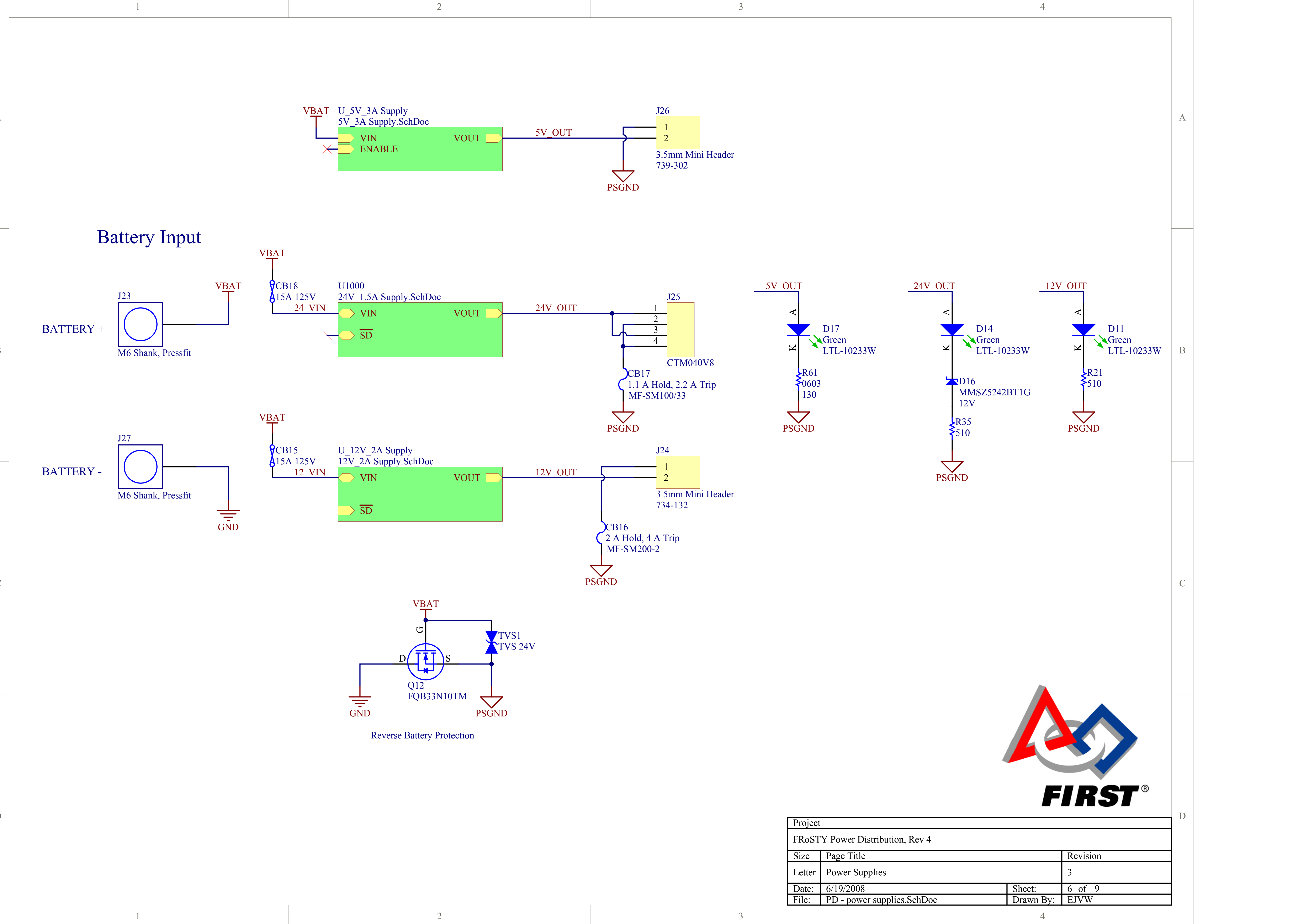
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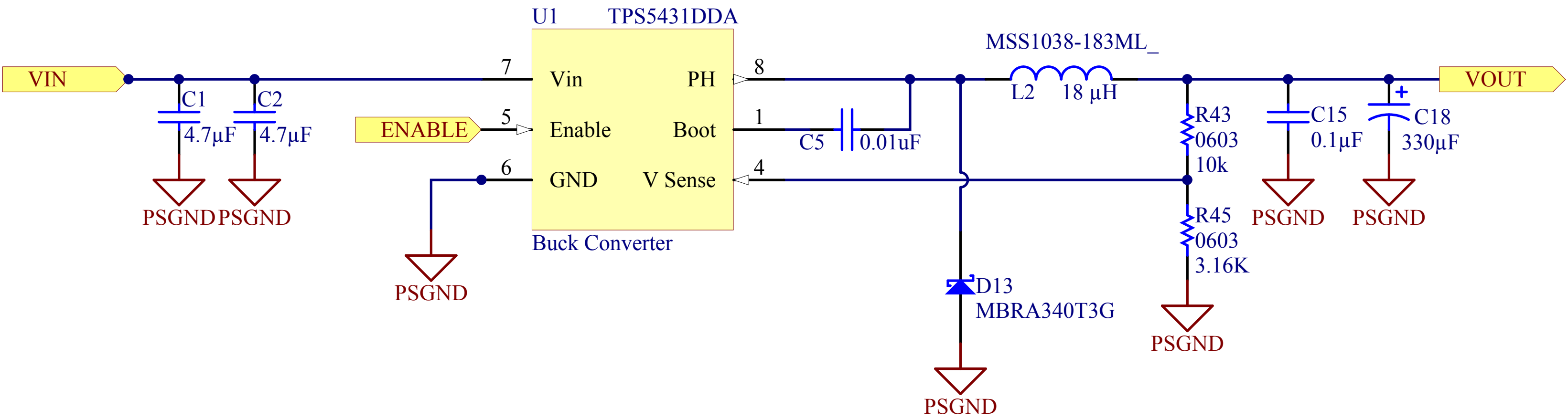
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FRoSTY Power Distribution, Rev 4			
Size	Page Title		Revision
Letter	Low Power Bank		2
Date:	6/19/2008	Sheet:	4 of 9
File:	PD - Low Power Bank.SchDoc	Drawn By:	EJW



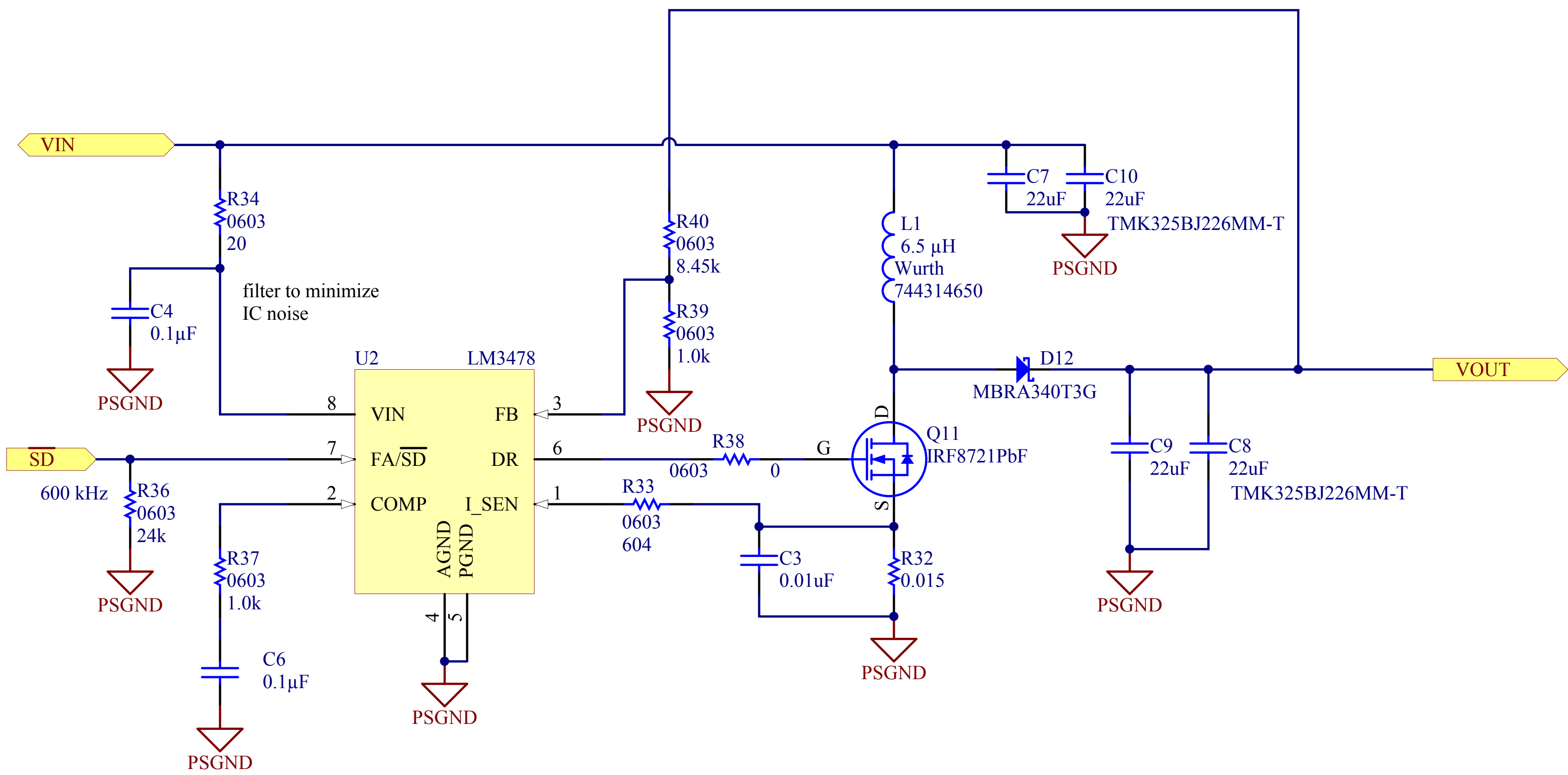
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FRoSTY Power Distribution, Rev 4			
Size	Page Title		Revision
Letter	Low Power Bank		2
Date:	6/19/2008	Sheet:	5 of 9
File:	PD - Low Power Bank.SchDoc	Drawn By:	EJW



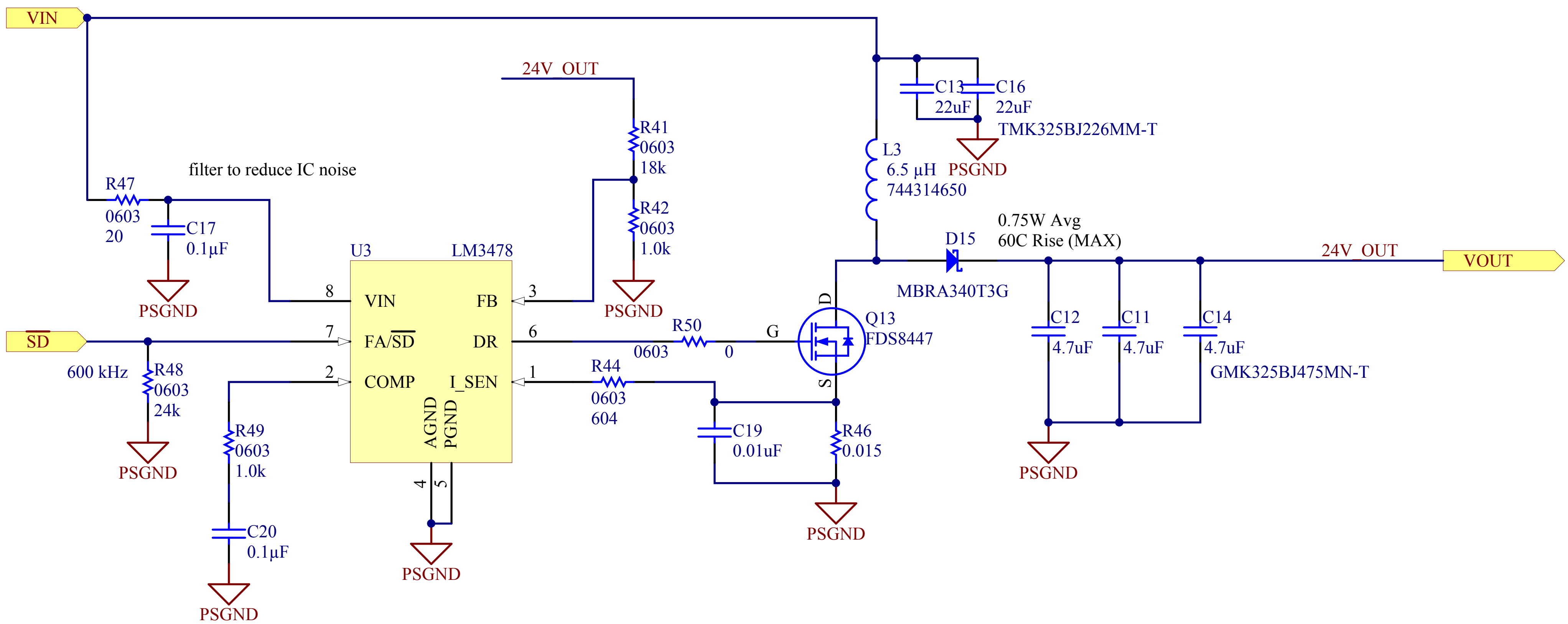
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FRoSTY Power Distribution, Rev 4			
Size	Page Title		Revision
Letter	Power Supplies		3
Date:	6/19/2008	Sheet:	6 of 9
File:	PD - power supplies.SchDoc	Drawn By:	EJW



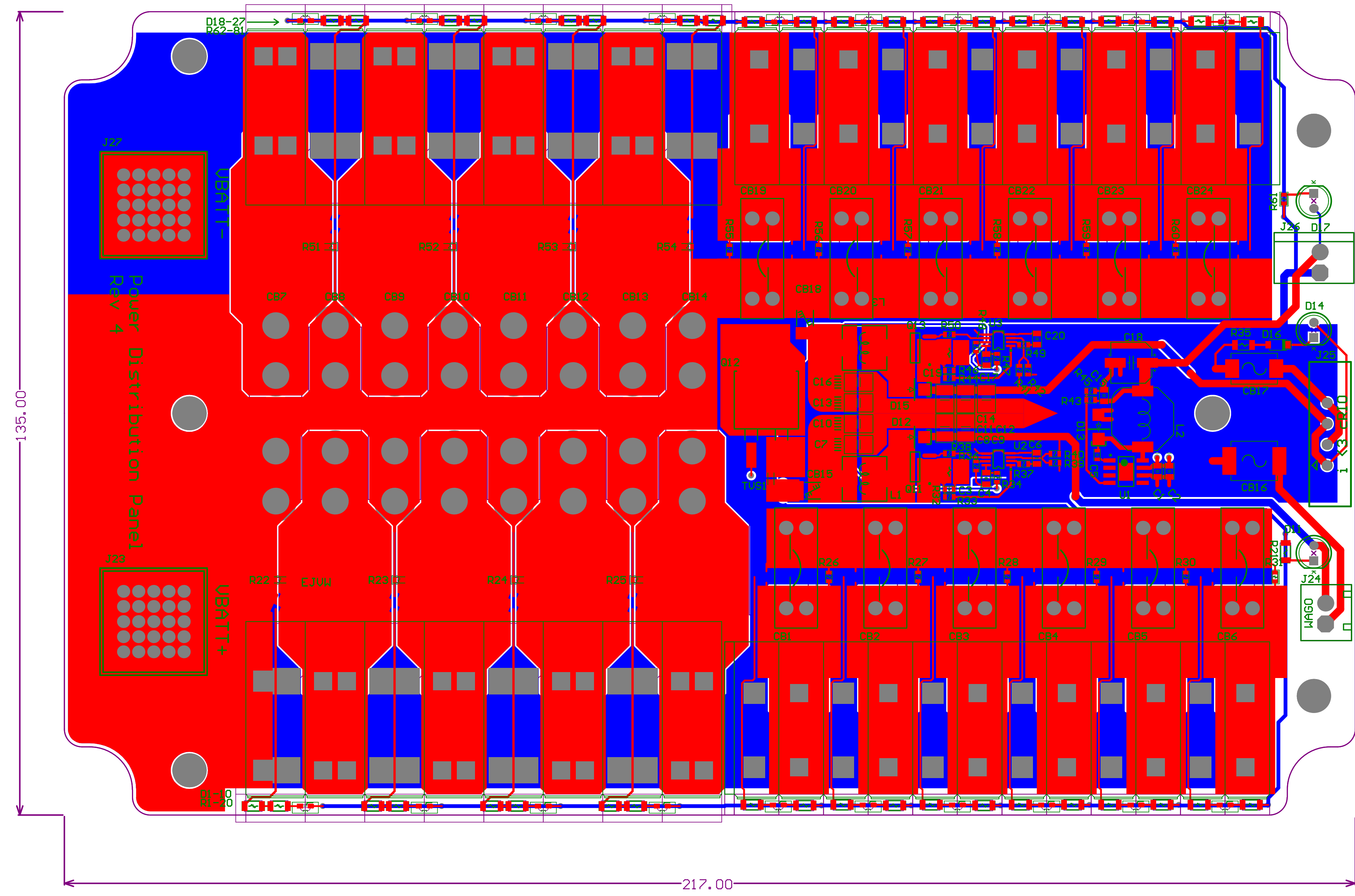
Project			
FRoSTY Power Distribution, Rev 4			
Size	Page Title		Revision
Letter	5V 3A Buck Supply, 7-15V Input		1
Date:	6/19/2008	Sheet:	8 of 9
File:	5V 3A Supply.SchDoc	Drawn By:	EJW



Project			
FRoSTY Power Distribution, Rev 4			
Size	Page Title		Revision
Letter	12V 2A Boost Supply, 4.5-12V Input		2
Date:	6/19/2008	Sheet:	9 of 9
File:	12V 2A Supply.SchDoc	Drawn By:	EJW



Project			
FRoSTY Power Distribution, Rev 4			
Size	Page Title		Revision
Letter	24V 1A Boost Supply, 4.5-15V Input		4
Date:	6/19/2008	Sheet:	7 of 9
File:	24V 1.5A Supply.SchDoc	Drawn By:	EJVW



Project	Phoenix
Board	Power Distribution
Rev	4

Construction	
Layers	4
Finished Thickness	093 +/- 30%
Solder Mask	Red
	Top & Bottom
Silk Screen	White
	Top Only
Copper Weight	1.5 oz Outer
	3 oz Inner
Special	None