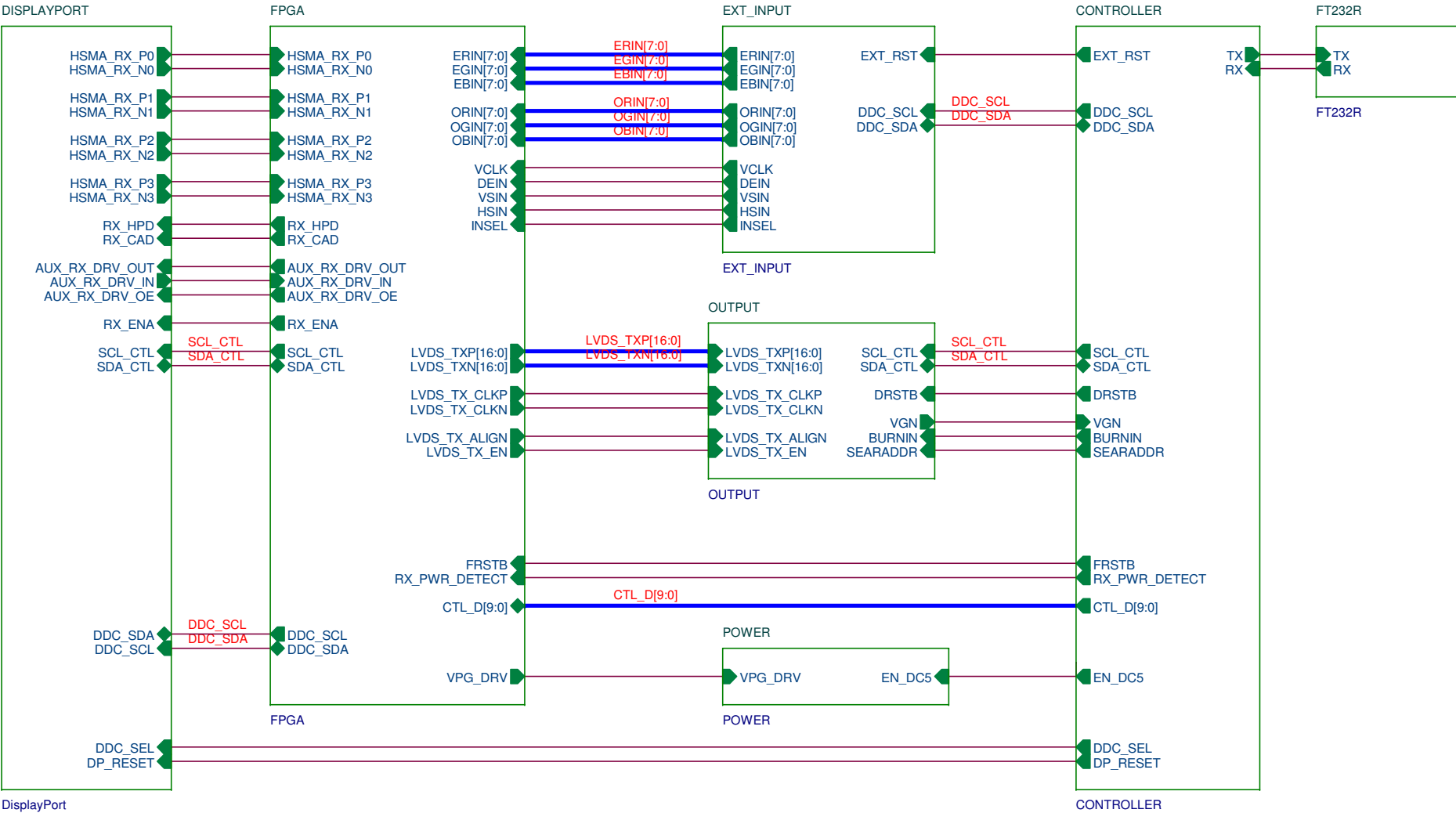


2K RGB Drive Board Schematic (V0.0)




Related Documents

Schematic: D01-1000215-00  
PCB Fab: C01-1000213-00  
PCB Assembly: A01-1000214-00

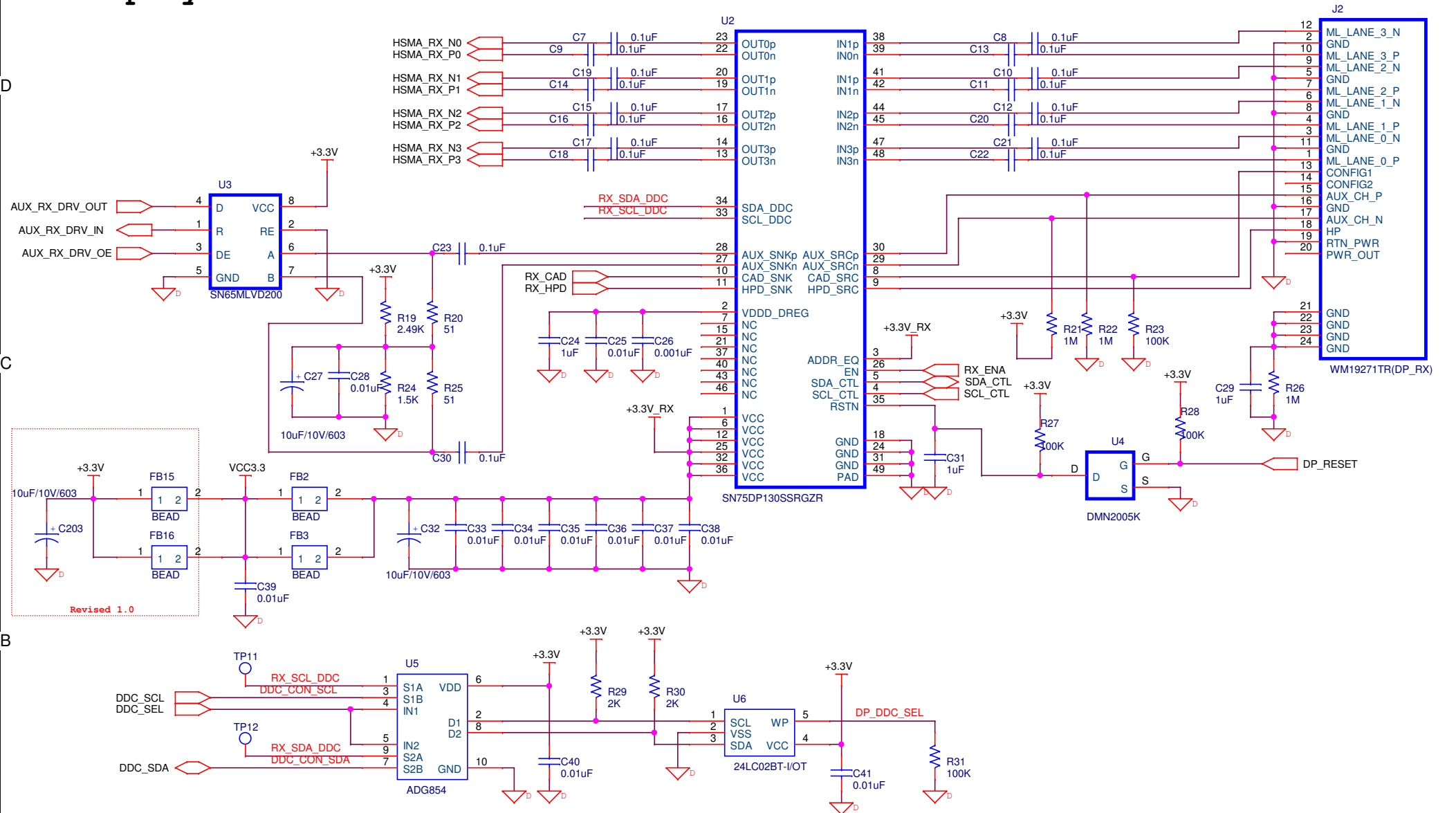



This design incorporates ESD sensitive devices. Use approved procedures when handling components.

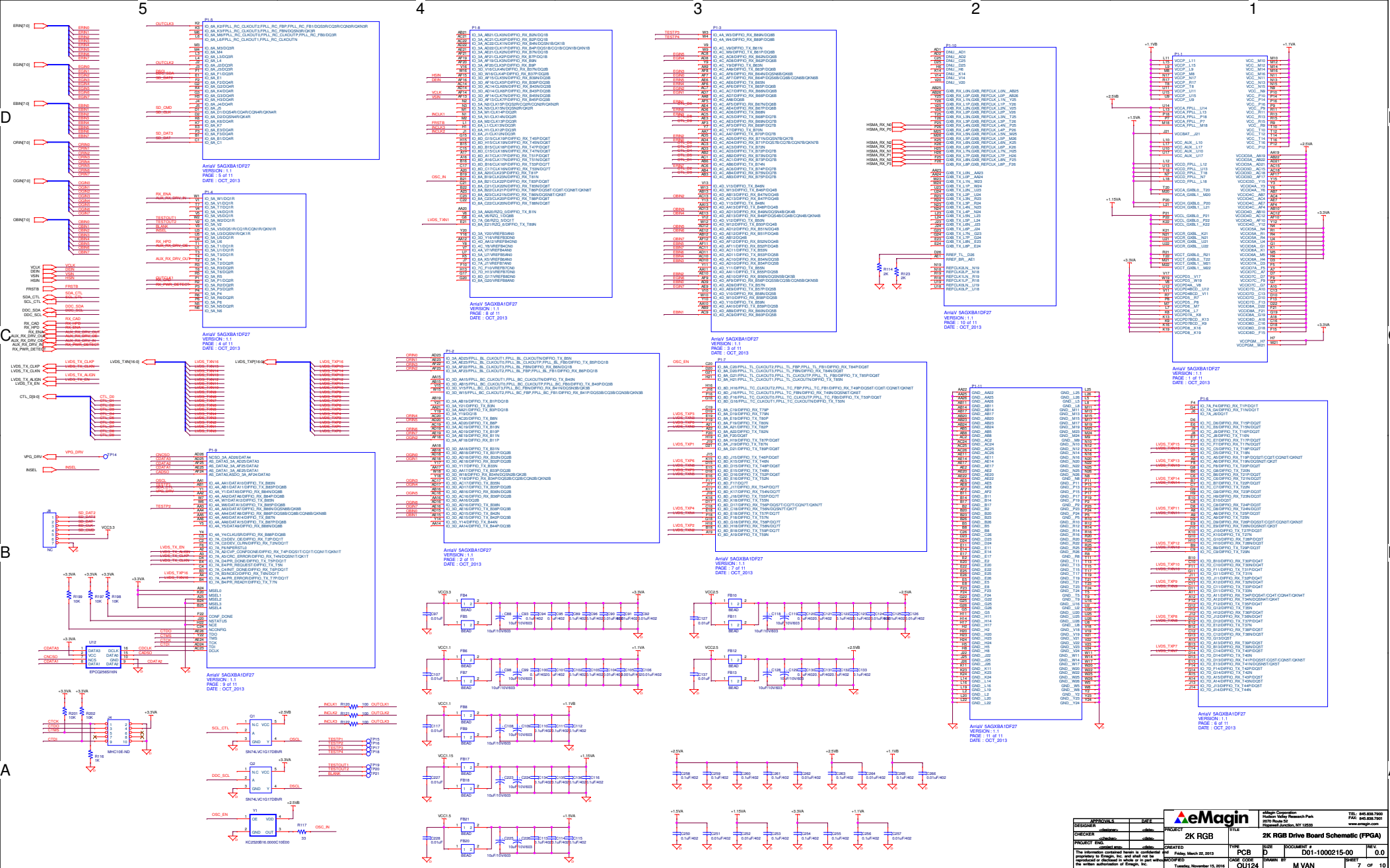
APPROVALS		DATE
DESIGNER	<designer>	<date>
CHECKER	<checker>	<date>
PROJECT ENG.	<project eng>	<date>
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PROJECT 2K RGB		TITLE 2K_RGB Drive Board Schematic (TOP)			
CREATED Wednesday, March 16, 2016		TYPE PCB	SIZE Custom	DOCUMENT # D01-1000215-00	REV. 0.0
MODIFIED Friday, November 11, 2016		CAGE CODE OU124	DRAWN BY M VAN		SHEET 4 OF 10

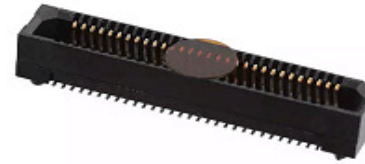
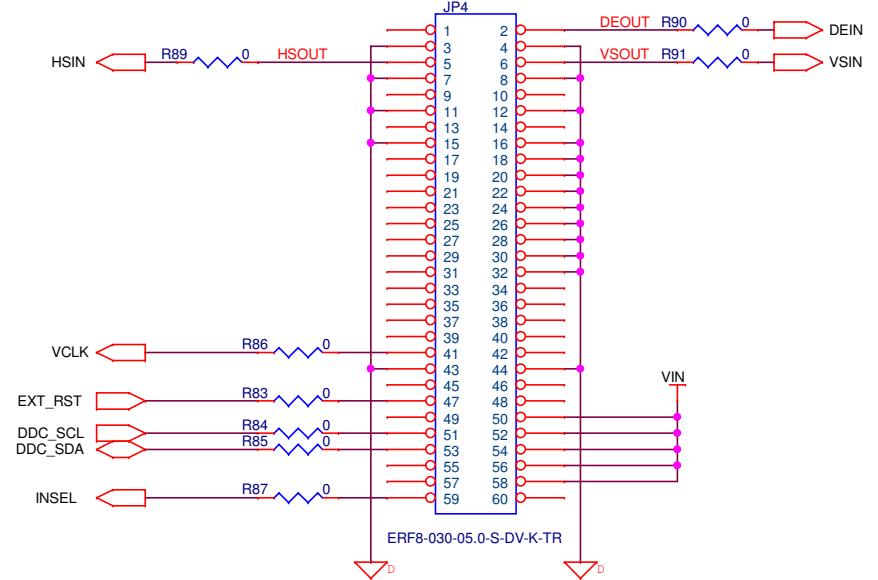
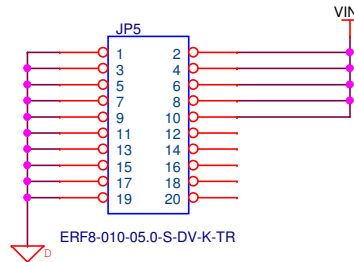
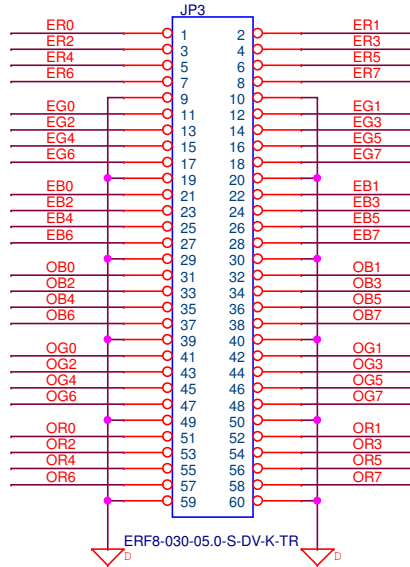
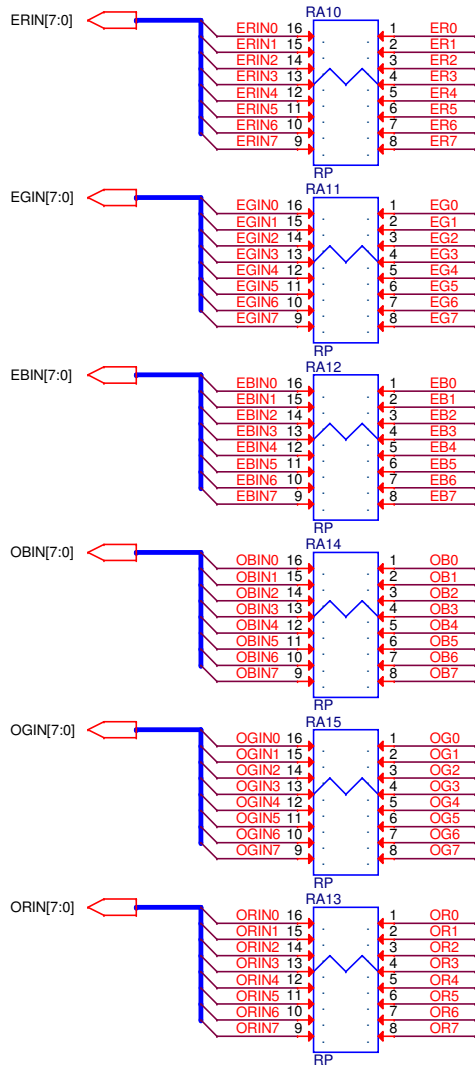
# DisplayPort



<div>APPROVALS</div>		<div>DATE</div>	<div></div>		<div>eMagin Corporation Hudson Valley Research Park 2070 Route 52 Hopewell Junction, NY 12533</div>			<div>TEL: 845.838.7900 FAX: 845.838.7901 www.emagin.com</div>	
<div>DESIGNER</div>	<div>&lt;designer&gt;</div>	<div>&lt;date&gt;</div>	<div>PROJECT</div>	<div>TITLE</div>					
<div>CHECKER</div>	<div>&lt;checker&gt;</div>	<div>&lt;date&gt;</div>	<div>2K RGB</div>	<div>2K_RGB Drive Board Schematic ((Display port))</div>					
<div>PROJECT ENG.</div>	<div>&lt;project eng&gt;</div>	<div>&lt;date&gt;</div>	<div>CREATED</div>	<div>TYPE</div>	<div>SIZE</div>	<div>DOCUMENT #</div>		<div>REV.</div>	
<div>The information contained herein is confidential and proprietary to Emagin, Inc. and shall not be reproduced or disclosed in whole or in part without the written authorization of Emagin, Inc.</div>			<div>and Friday, March 11, 2016</div>	<div>PCB</div>	<div>Custom</div>	<div>D01-1000215-00</div>		<div>0.0</div>	
			<div>MODIFIED</div>	<div>CAGE CODE</div>	<div>DRAWN BY</div>		<div>SHEET</div>		
			<div>Friday, November 11, 2016</div>	<div>OU124</div>	<div>M VAN</div>		<div>3 OF 10</div>		

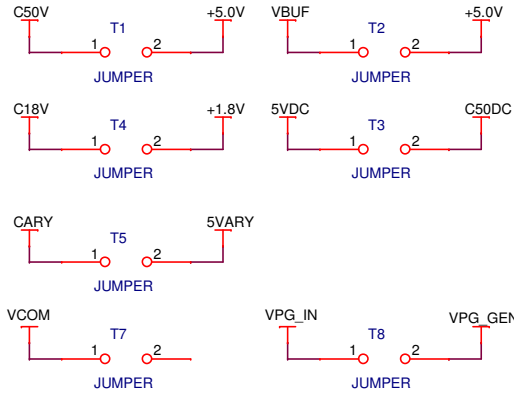
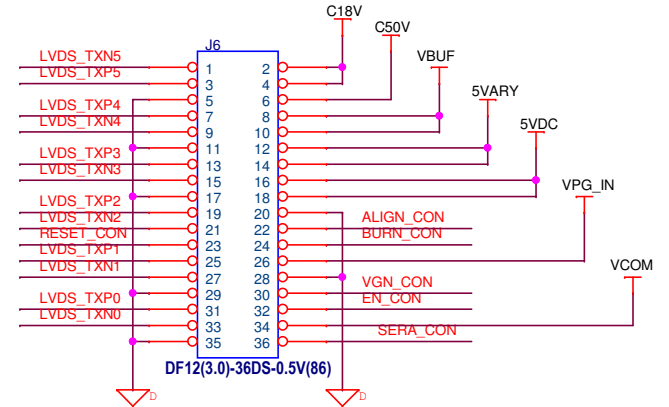
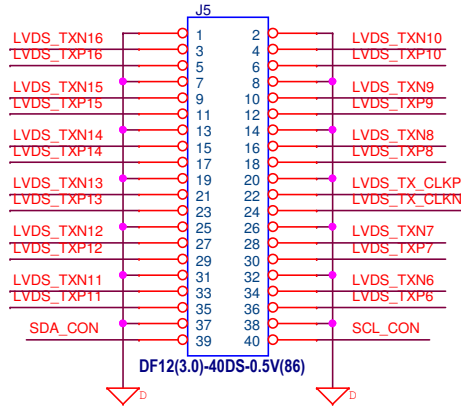
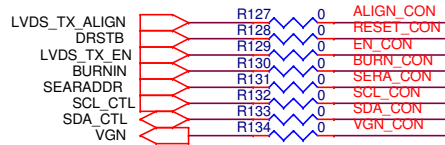
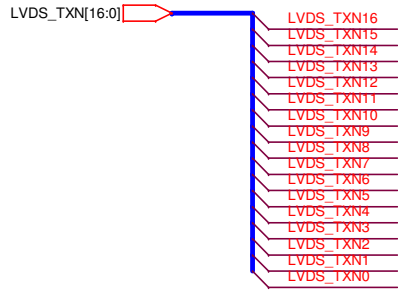
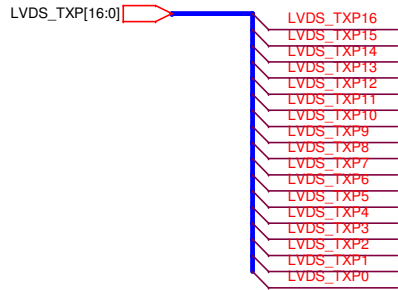



# EXT\_INPUT

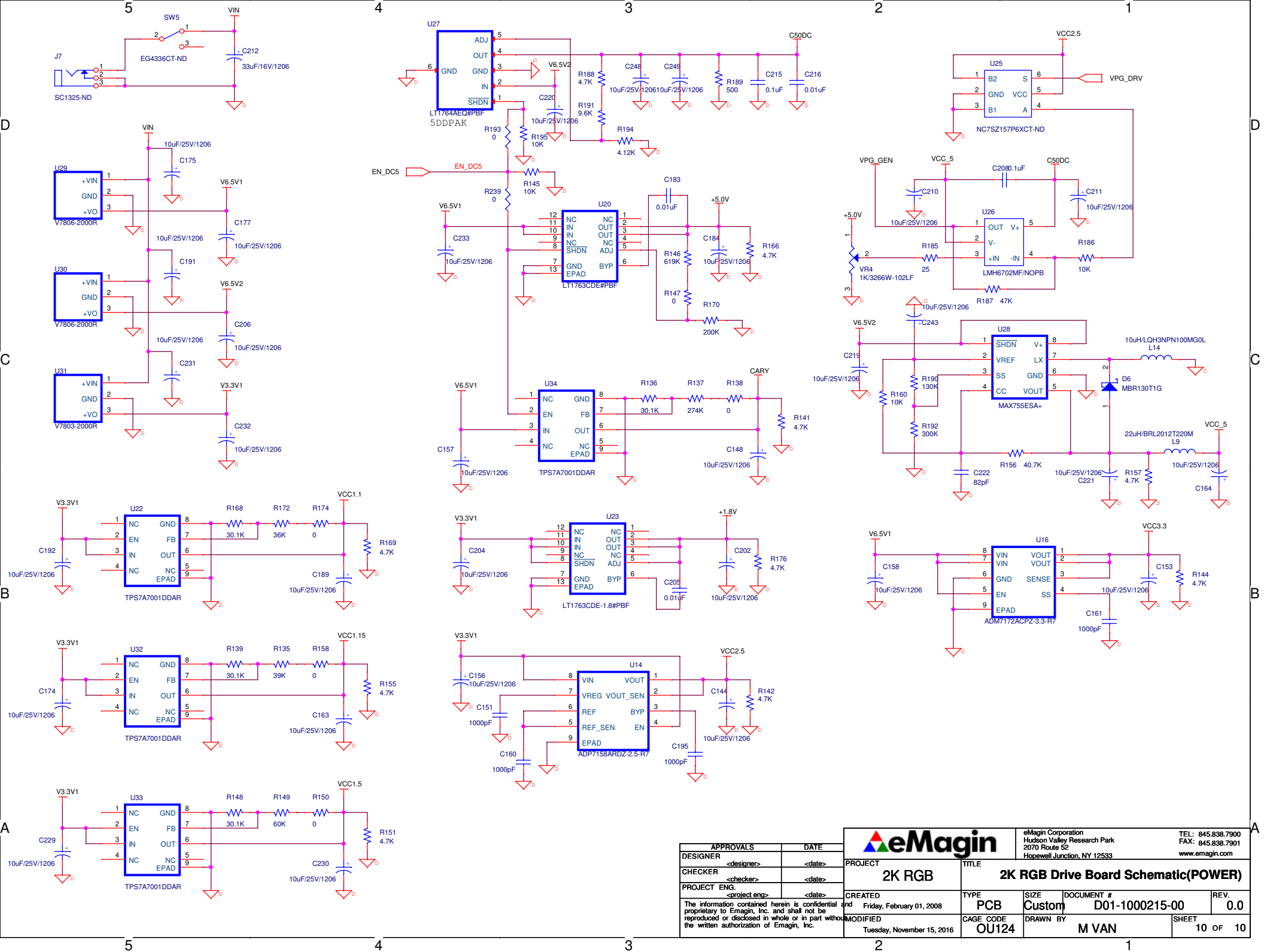


APPROVALS		DATE		PROJECT		TITLE	
DESIGNER	<designer>	CHECKER	<checker>	PROJECT	2K RGB	TITLE	2K RGB Drive board Schematic (EXT_INPUT)
PROJECT ENG.	<project eng>	DATE	<date>	CREATED	Wednesday, April 03, 2013	TYPE	PCB
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				CAGE CODE	OU124	DOCUMENT #	D01-1000215-00
				DRAWN BY	M VAN	REV.	0.0
				SHEET		6 OF 10	

OUTPUT



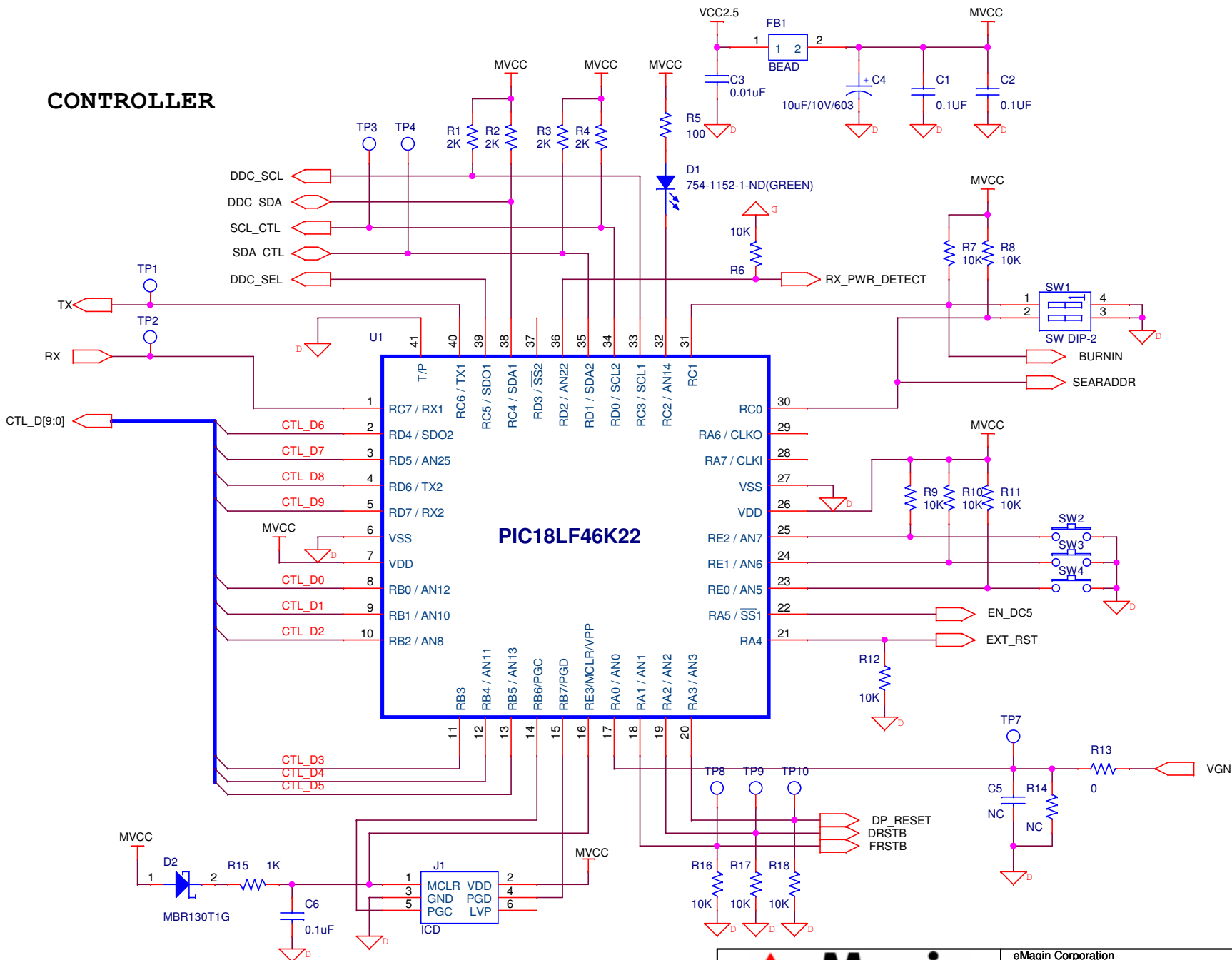
<b>APPROVALS</b>		<b>DATE</b>		eMagin Corporation Hudson Valley Research Park 2070 Route 52 Hopewell Junction, NY 12533				TEL: 845.838.7900 FAX: 845.838.7901 www.emagin.com		
DESIGNER	<designer>	<date>		PROJECT	TITLE					
CHECKER	<checker>	<date>		2K RGB	2K RGB Drive Board Schematic(OUTPUT)					
PROJECT ENG.	<project eng>	<date>		CREATED	TYPE	SIZE	DOCUMENT #		REV.	
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			MODIFIED	CAGE CODE	DRAWN BY		SHEET			
			Friday, November 11, 2016	OU124	M VAN		9		OF 10	



APPROVALS		DATE
DESIGNER	<designer>	<date>
CHECKER	<checker>	<date>
PROJECT ENG.	<project eng>	<date>
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PROJECT <b>2K RGB</b>		TITLE <b>2K RGB Drive Board Schematic(POWER)</b>		
CREATED Friday, February 01, 2008	TYPE PCB	SIZE Custom	DOCUMENT # D01-1000215-00	REV. 0.0
MODIFIED Tuesday, November 15, 2016	CAGE CODE OU124	DRAWN BY M VAN	SHEET 10 OF 10	

# CONTROLLER



APPROVALS	DATE
DESIGNER	<designer>
CHECKER	<checker>
PROJECT ENG.	<project eng>

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PROJECT  
**2K RGB**

CREATED  
Thursday, April 07, 2016

MODIFIED  
Friday, November 11, 2016

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Hudson Valley Research Park  
2070 Route 52  
Hopewell Junction, NY 12533

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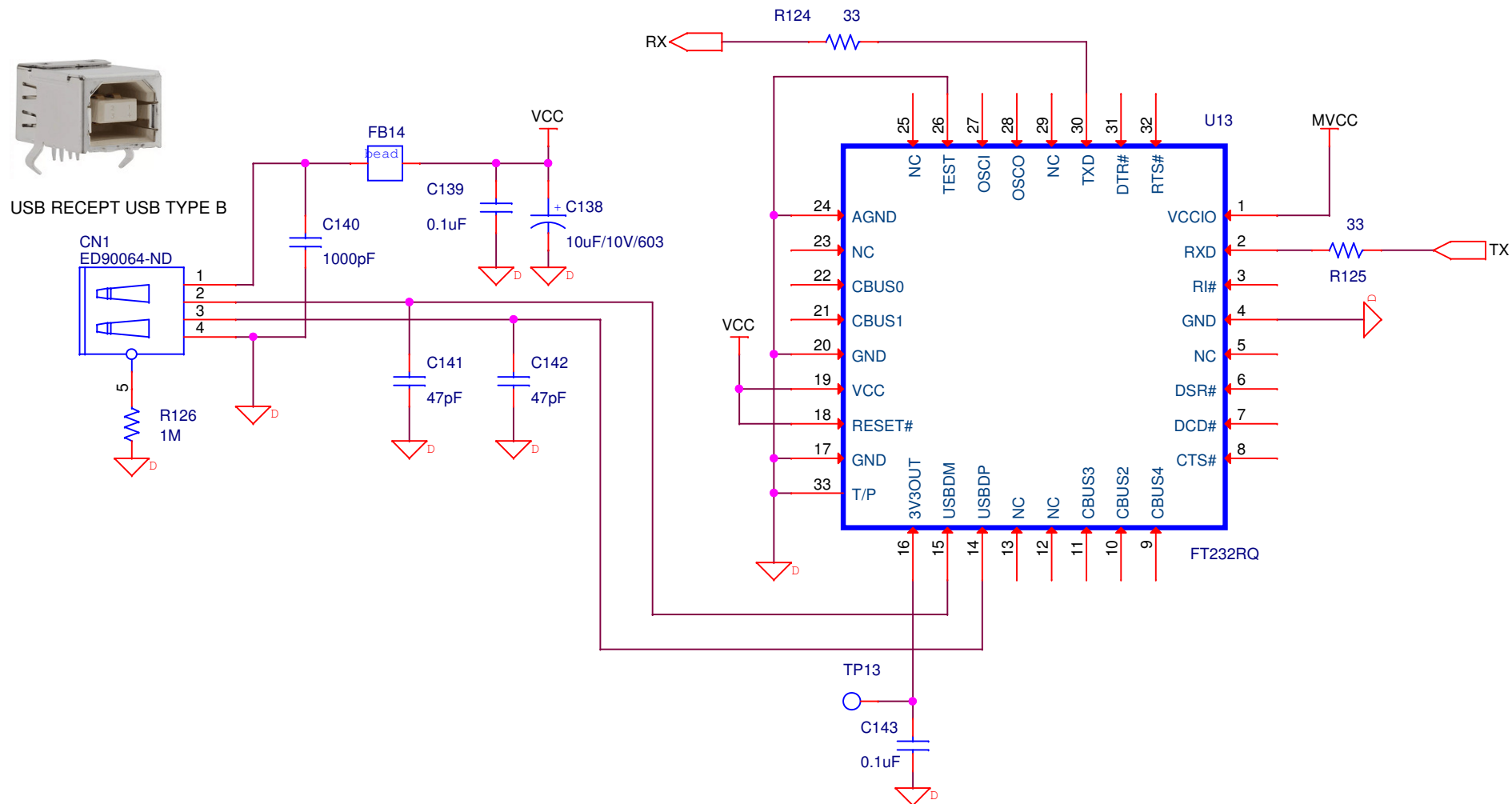
TITLE  
**2K RGB Drive board Schematic(CONTROLLER)**

TYPE <b>PCB</b>	SIZE <b>Custom</b>	DOCUMENT # <b>D01-1000215-00</b>	REV. <b>0.0</b>
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CAGE CODE <b>OU124</b>	DRAWN BY <b>M VAN</b>	SHEET <b>2</b> OF <b>10</b>
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# FT232R USB SERIAL ADAPTOR



APPROVALS	DATE
DESIGNER	<date>
CHECKER	<date>
PROJECT ENG.	<date>

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Hudson Valley Research Park  
2070 Route 52  
Hopewell Junction, NY 12533

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PROJECT  
**2K RGB**

TITLE  
**2K RGB Drive Board Schematic(FT232R)**

CREATED  
Thursday, August 11, 2011

TYPE  
**PCB**

SIZE  
**A**

DOCUMENT #  
**D01-1000215-00**

REV.  
**0.0**

MODIFIED  
Friday, November 11, 2016

CAGE CODE  
**OU124**

DRAWN BY  
**M VAN**

SHEET  
**8 OF 10**