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DWG. NO.
18-600100-001

SH
1

REV.
Rev A

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REVISION HISTORY

REV	DATE	AUTHOR	CHANGES
1.0	04 AUG 2011	Vinay Nayak	First Release
2.0	19 AUG 2011	Vinay Nayak	1. Changed the PCC connectors J2 and J3 pins power signals assignments 2. Four pin power connectors of APP, IES and IOP boards pins power signals assignments
A	11 DEC 2012	Ravi V M	1. Schematic updated with libraries 2. 2x2 Power Connector has been replaced 3. Signal Connections modified from other Rev 3 boards 4. Rotary switch has been modified 5. FTC connectors have been changed from 96 to 150 pins 6. PCC Connector has been updated to 12 signal pins 7. Mechanical Mounting holes have been added 8. IO Pairs has been reduced to 28 from 30 9. Block Diagram Updated

APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012	4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012	REVISION_HISTORY			
ENGINEER Ravi V M			SIZE C	DWG. NO. 18-600100-001	SHEET 1 of 24	PROD REV. Rev A
				FILE 18-600100-001_revA.sch	SCALE 1:1	

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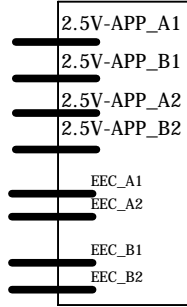
DWG. NO.
18-600100-001

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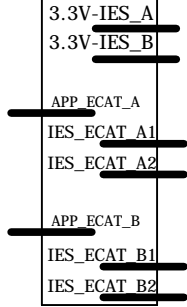
REV.
Rev A

BLOCK DIAGRAM

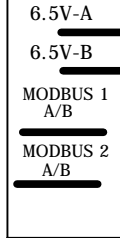
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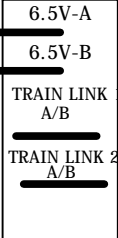
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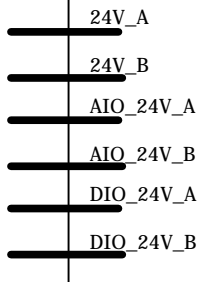
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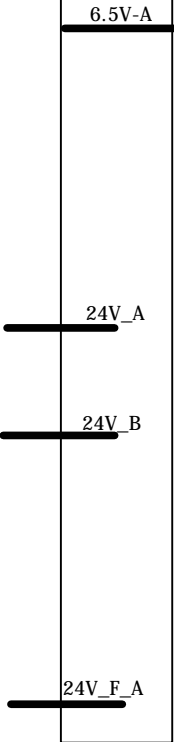
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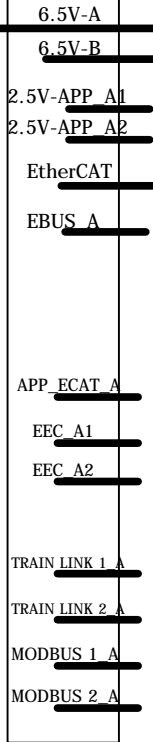
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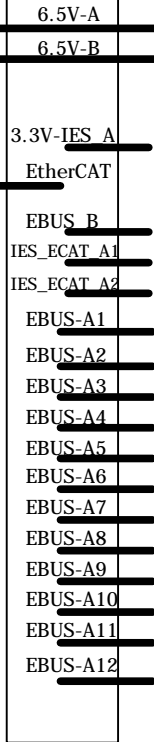
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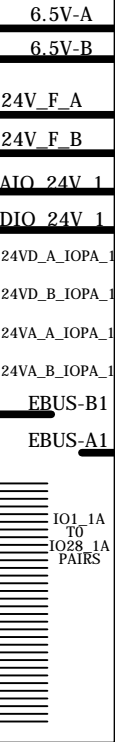
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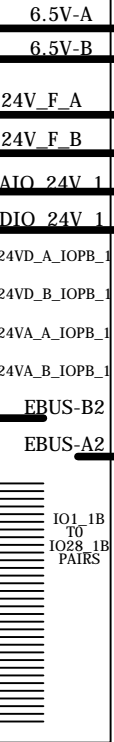
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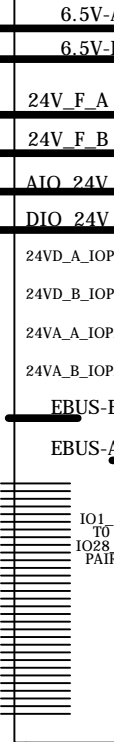
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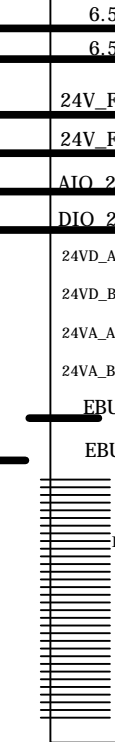
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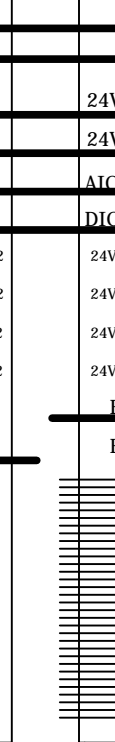
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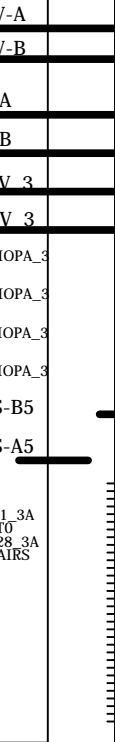
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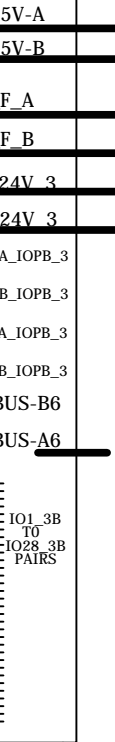
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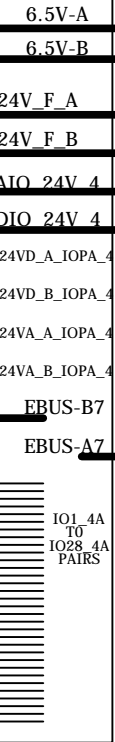
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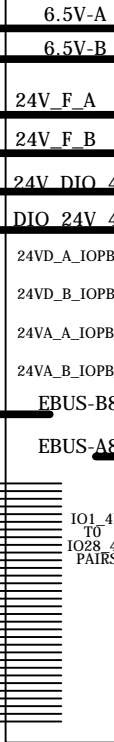
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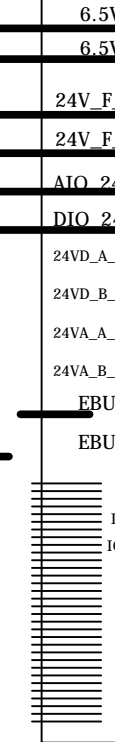
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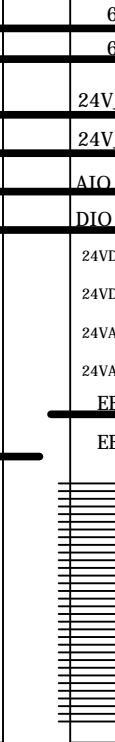
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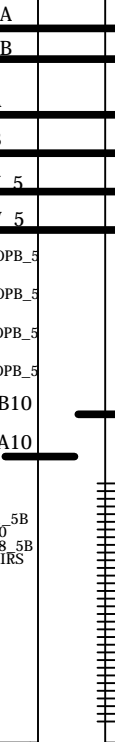
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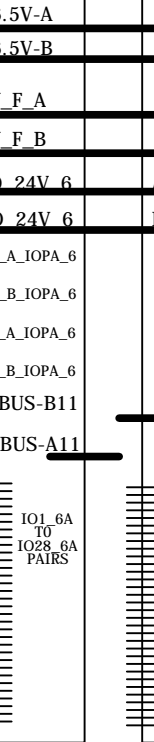
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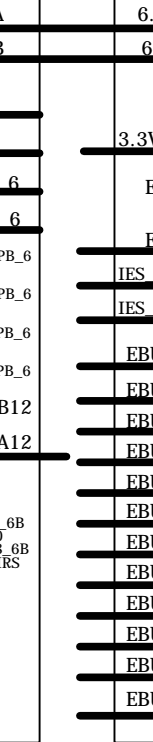
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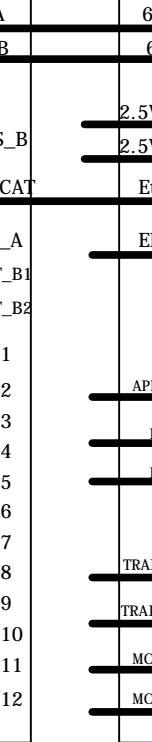
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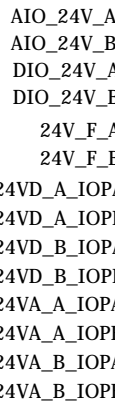
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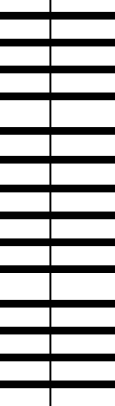
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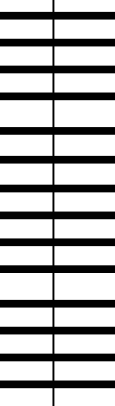
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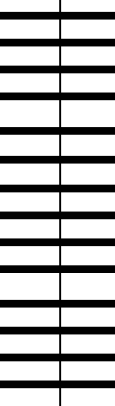
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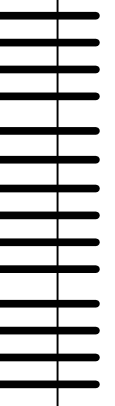
FTC-4



FTC-5



FTC-6



APPROVALS

DRAWN
Ravi V M
CHECKED
Manju Reddy
ENGINEER
Ravi V M

DATE

14-DEC-2012
14-DEC-2012

COMPRESSOR CONTROLS CORPORATION

4725 121st Street - Des Moines, Iowa 50323

BLOK_DIAGRAM

SIZE
C

DWG. NO.
FILE

18-600100-001
18-600100-001_revA.sch

SHEET
SCALE

2 of 24
1:1

PROD
REV.
Rev A

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DWG. NO.
18-600100-001

SH
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REV.
Rev A

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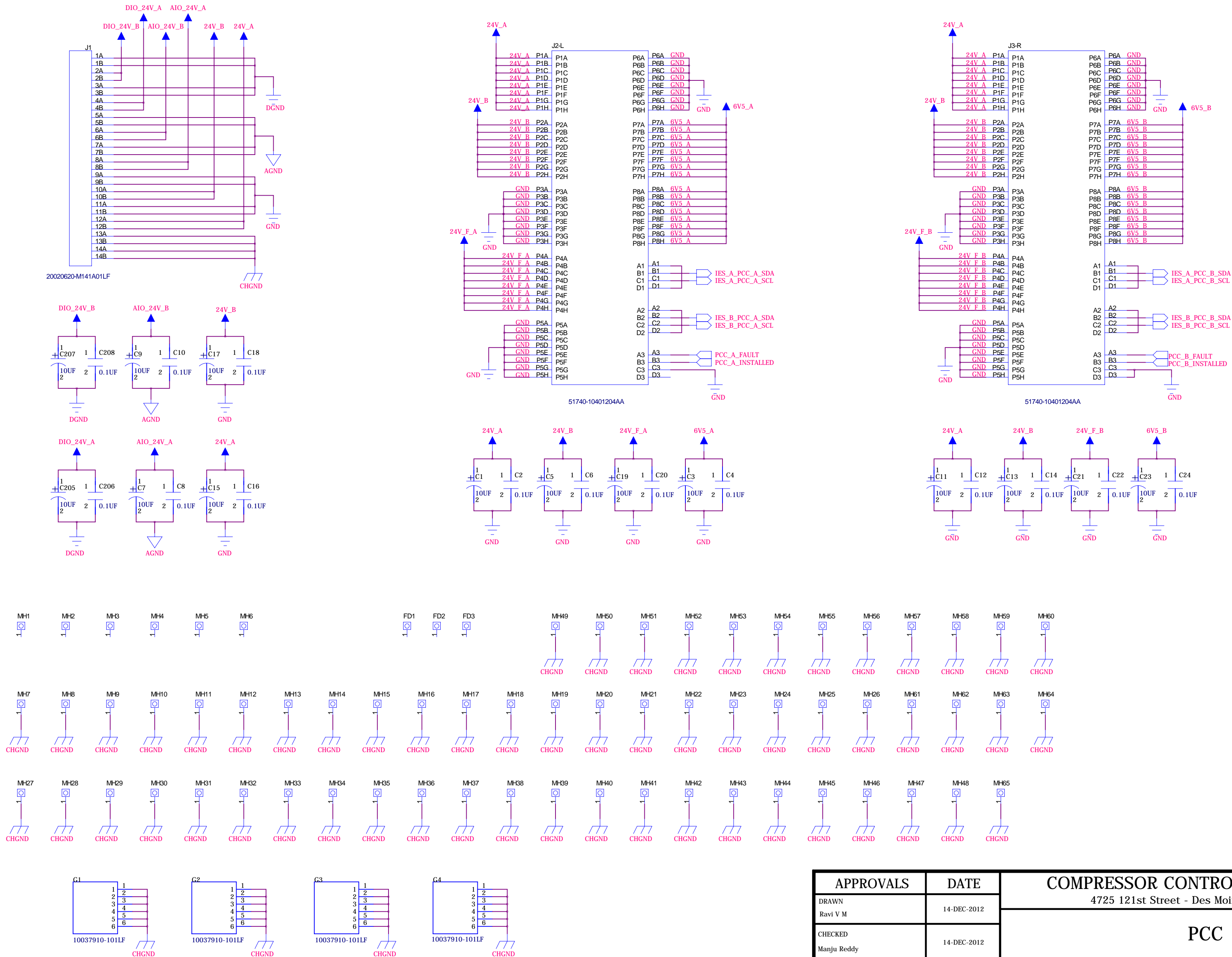
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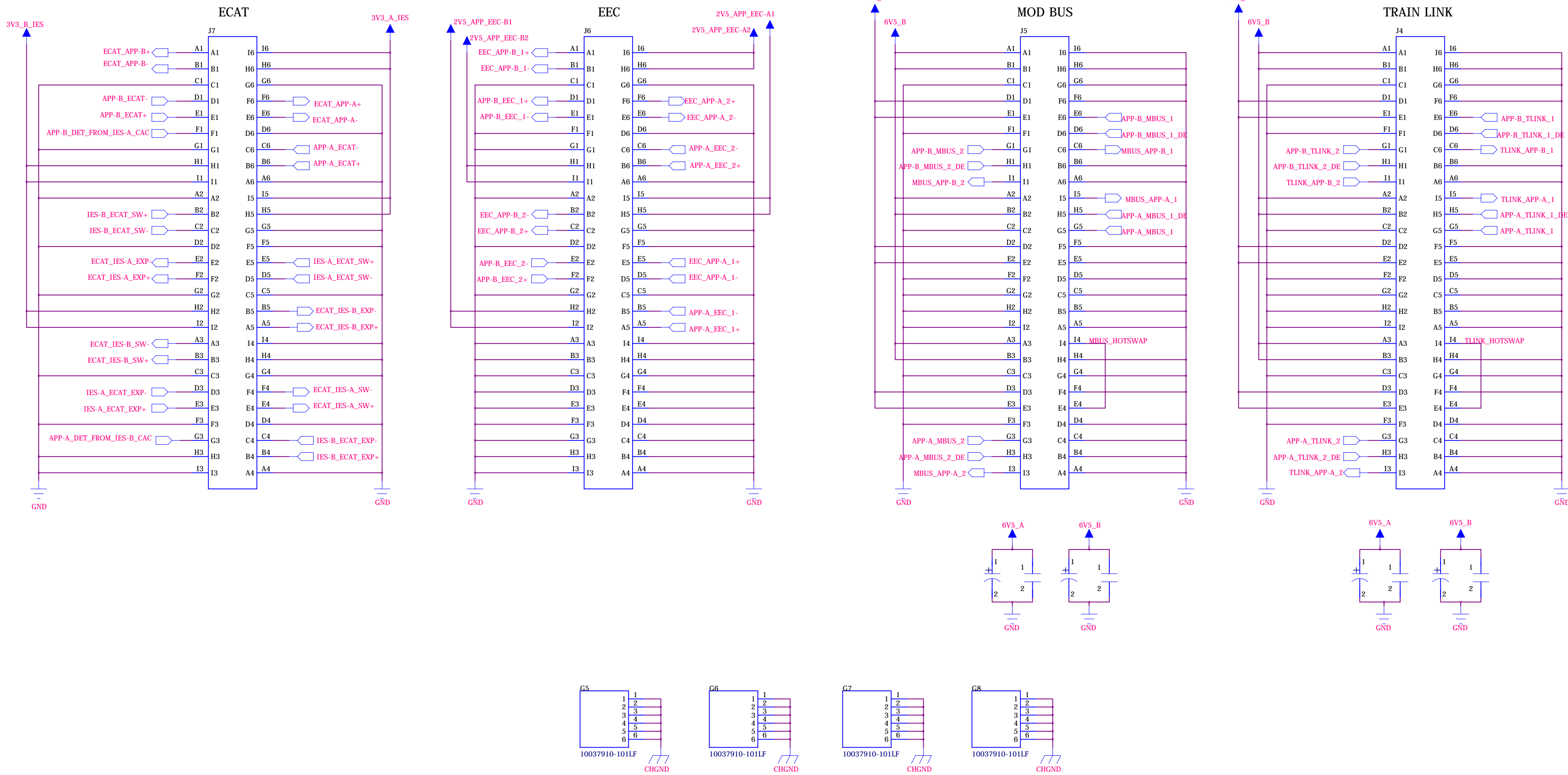
APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION				
DRAWN Ravi V M		14-DEC-2012	4725 121st Street - Des Moines, Iowa 50323				
CHECKED Manju Reddy		14-DEC-2012	PCC				
ENGINEER Ravi V M			SIZE C	DWG. NO. 18-600100-001		SHEET 3 of 24	PROD REV.
				FILE 18-600100-001_revA.sch		SCALE 1:1	Rev A

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DWG. NO.
18-600100-001

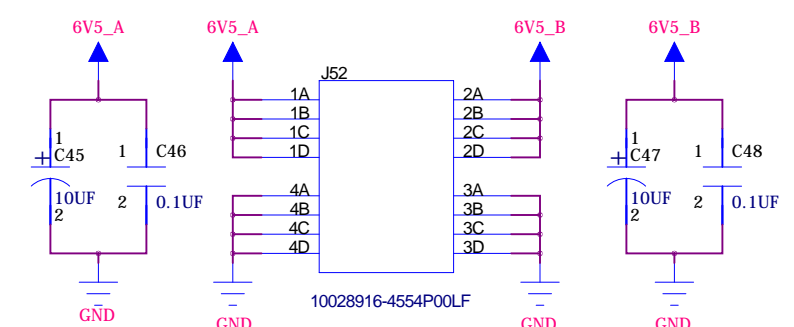
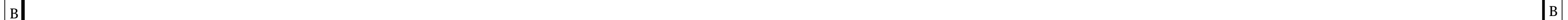
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REV.
Rev A

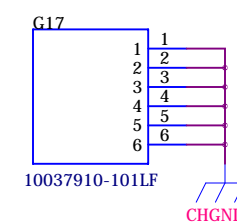
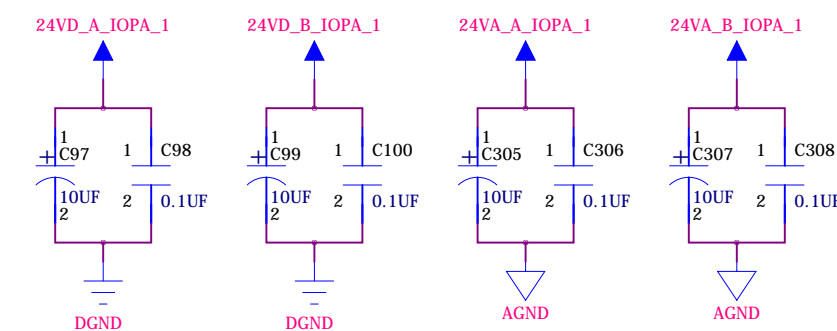
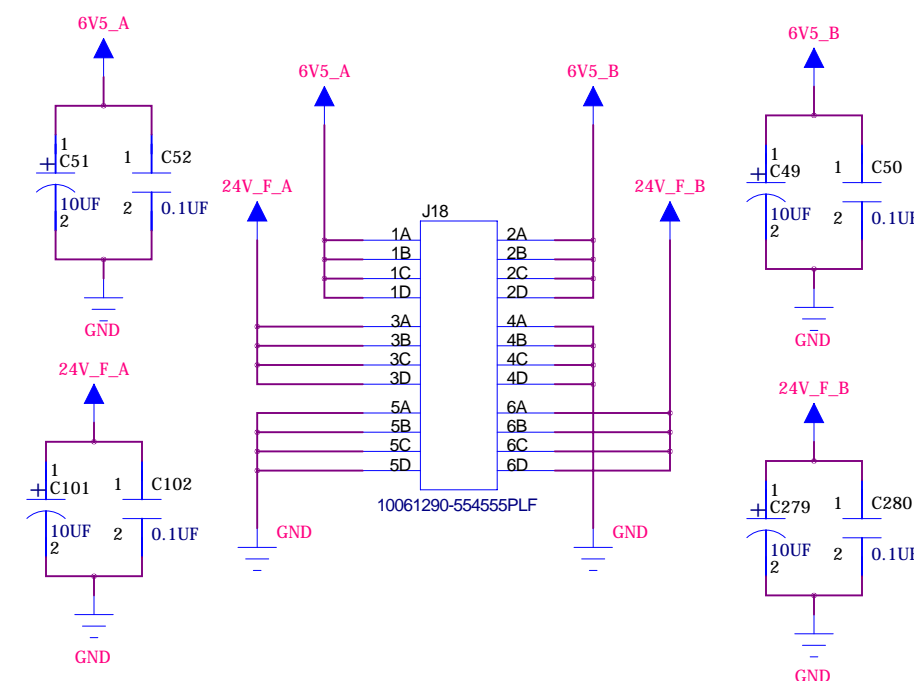
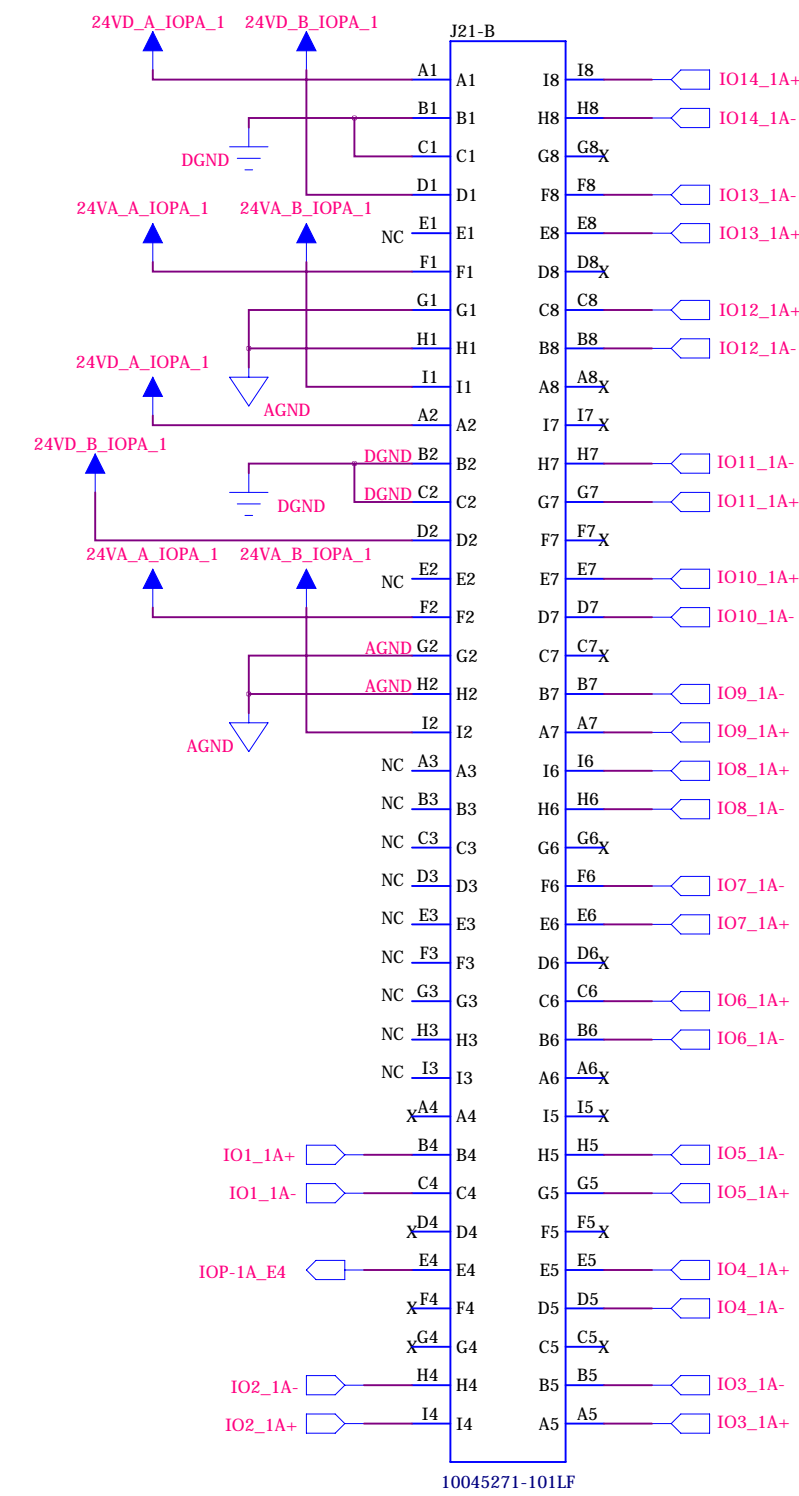
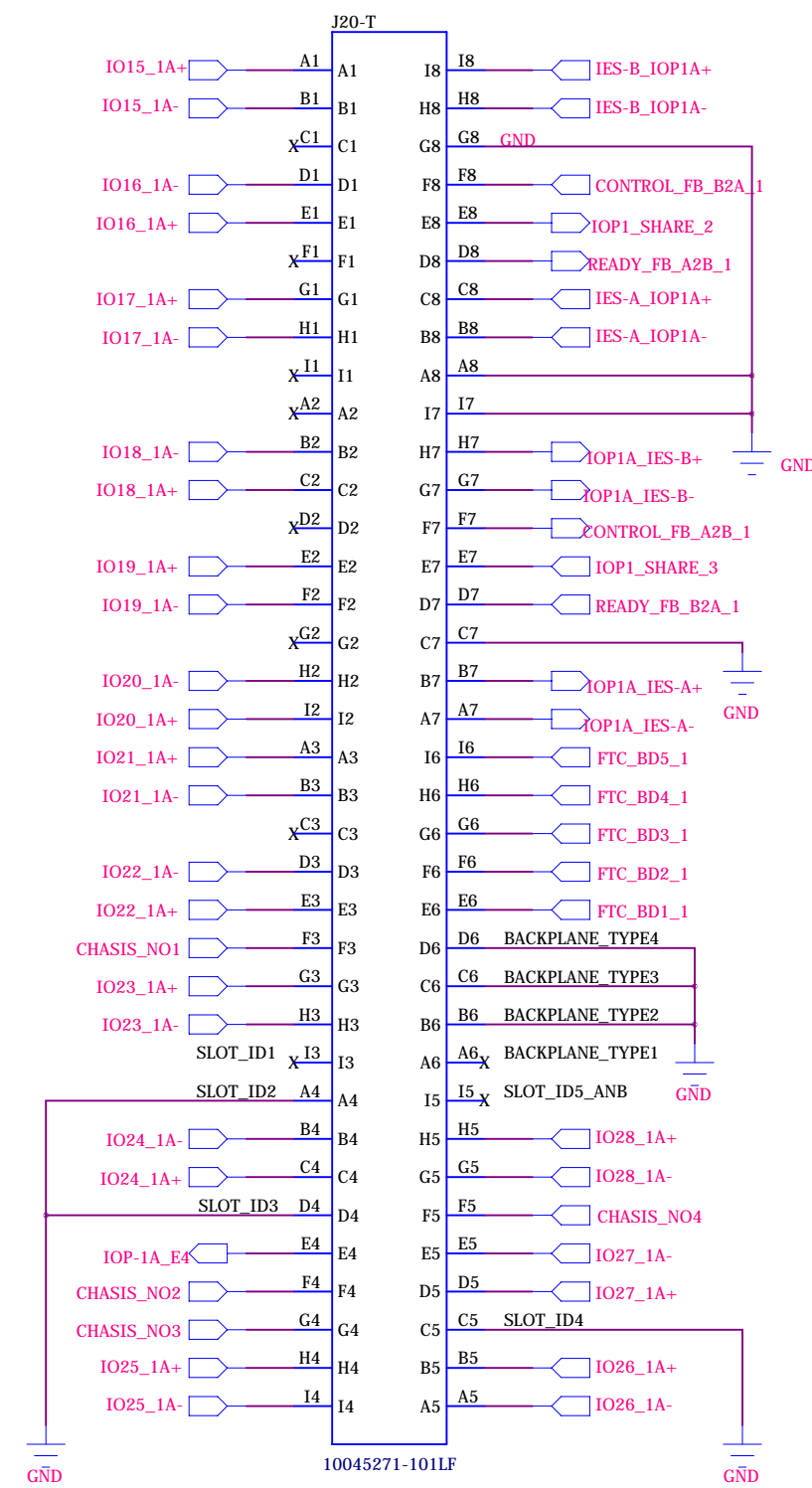


APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012	4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012	CAC			
ENGINEER Ravi V M			SIZE C	DWG. NO. 18-600100-001	SHEET 4 of 24	PROD REV. Rev A
			FILE 18-600100-001_revA.sch	SCALE 1:1		

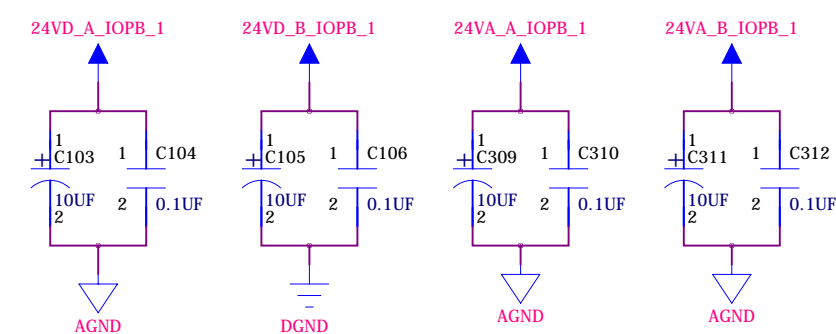
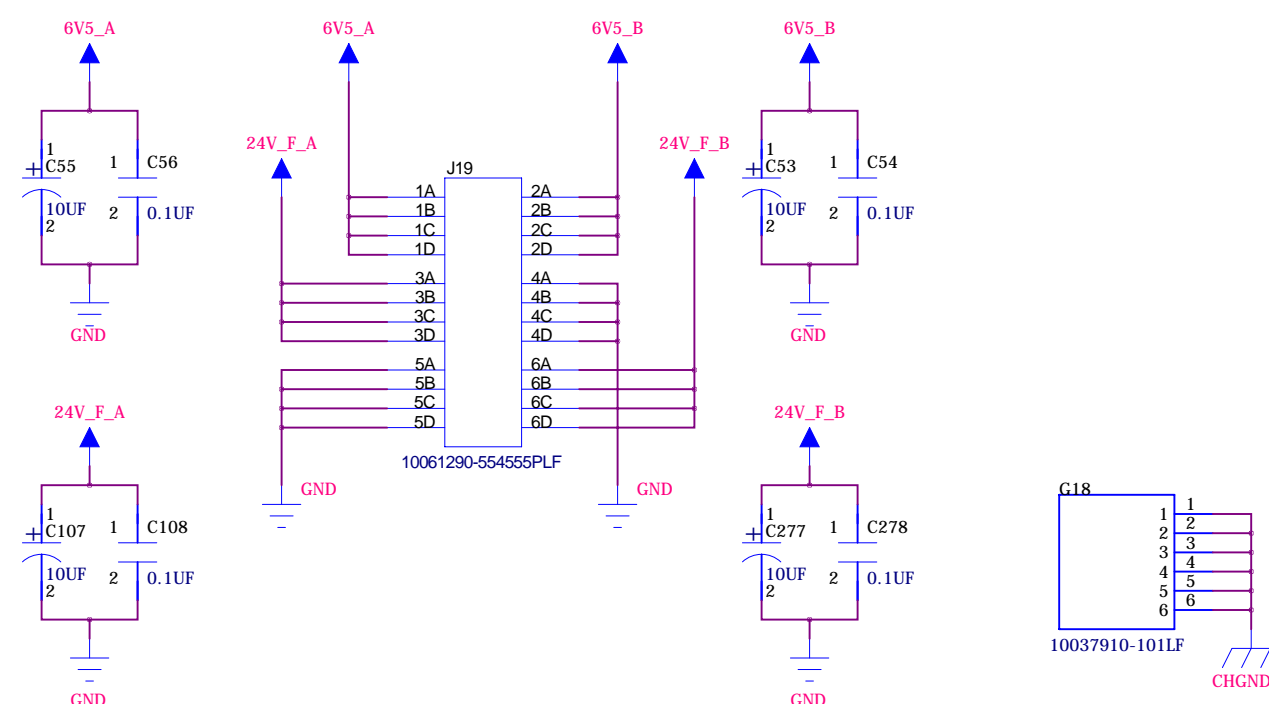
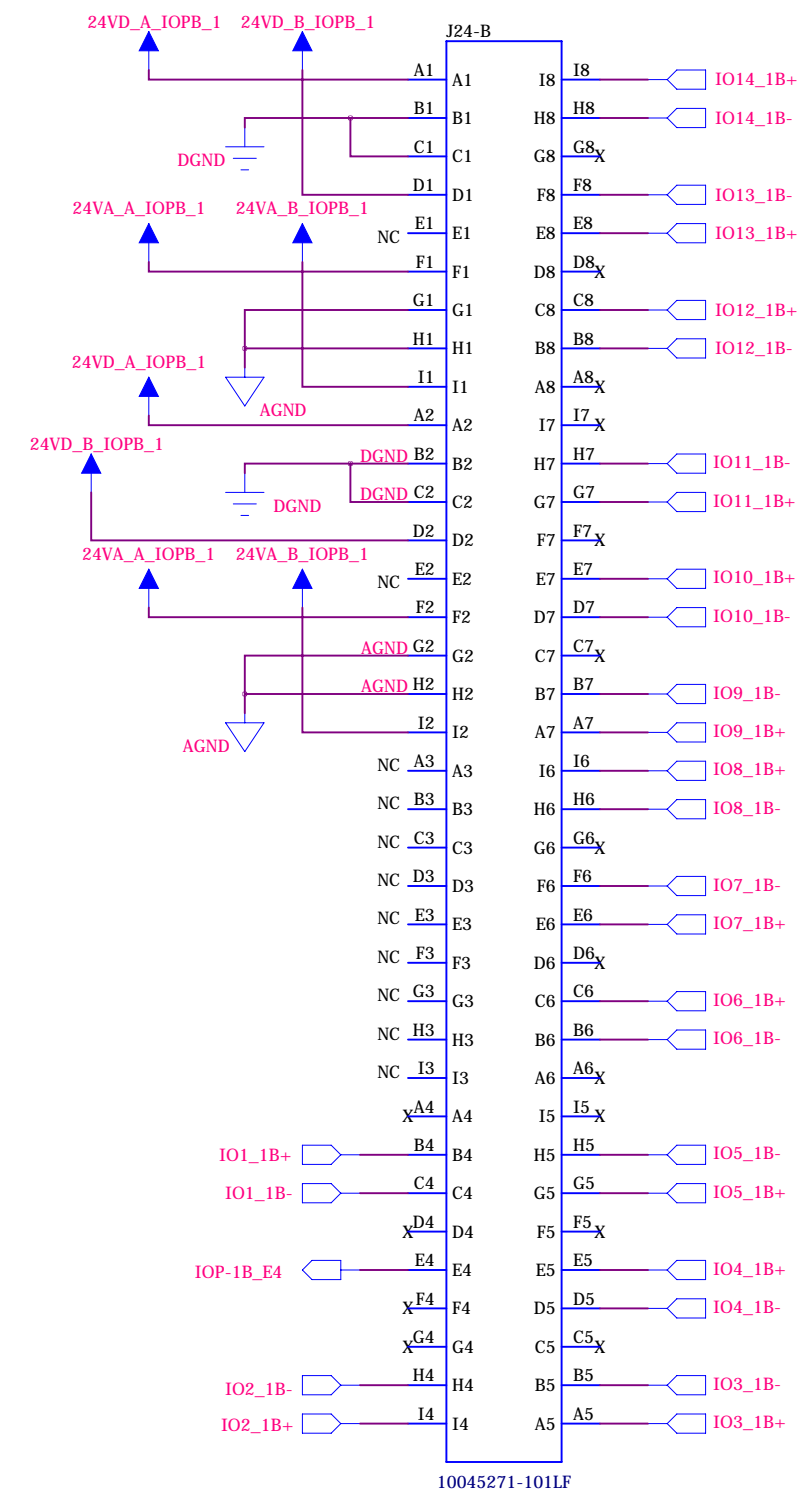
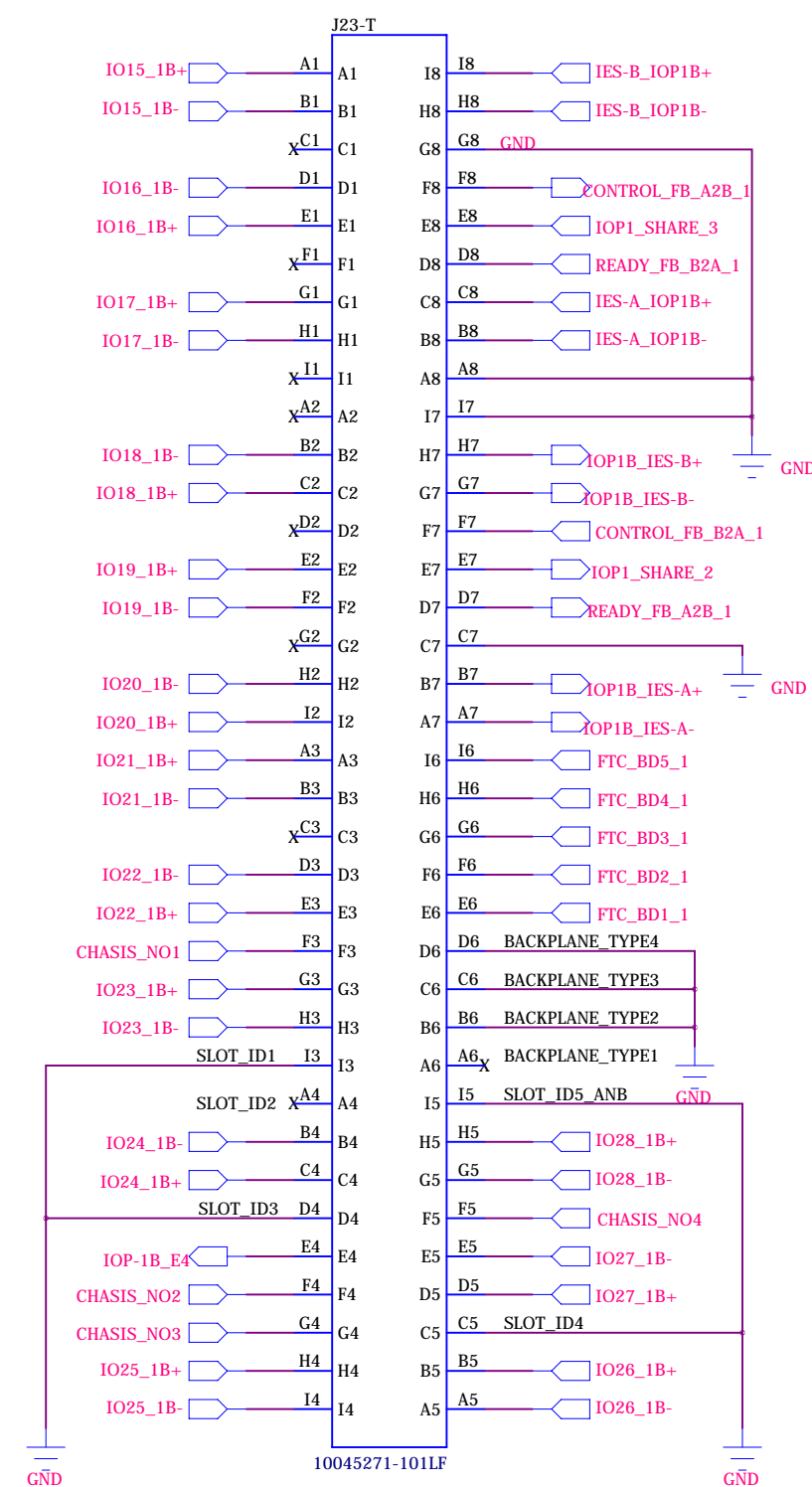
APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION				
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323				
CHECKED Manju Reddy		14-DEC-2012		APP				
ENGINEER Ravi V M		C	SIZE	DWG. NO. 18-600100-001		SHEET 5 of 24		PROD REV.
			FILE	18-600100-001_revA.sch		SCALE 1:1		Rev A



APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012		IES			
ENGINEER Ravi V M		SIZE C	DWG. NO. 18-600100-001		SHEET 6 of 24		PROD REV.
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APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION					
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323					
CHECKED Manju Reddy		14-DEC-2012		IOP_1A					
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			FILE	18-600100-001_revA.sch		SCALE	1:1		Rev A



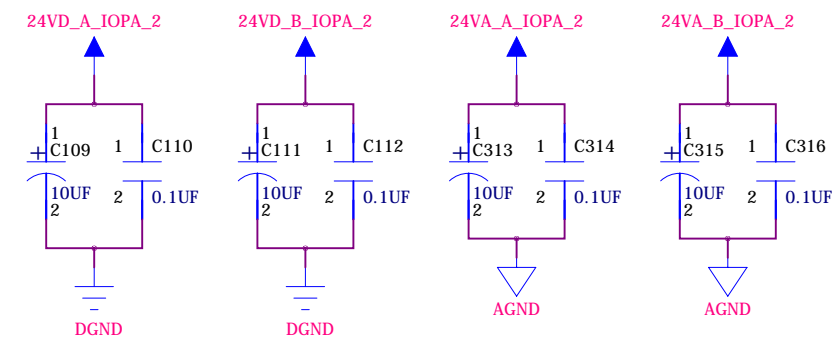
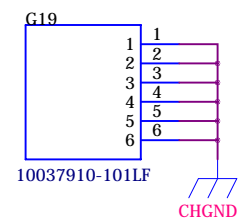
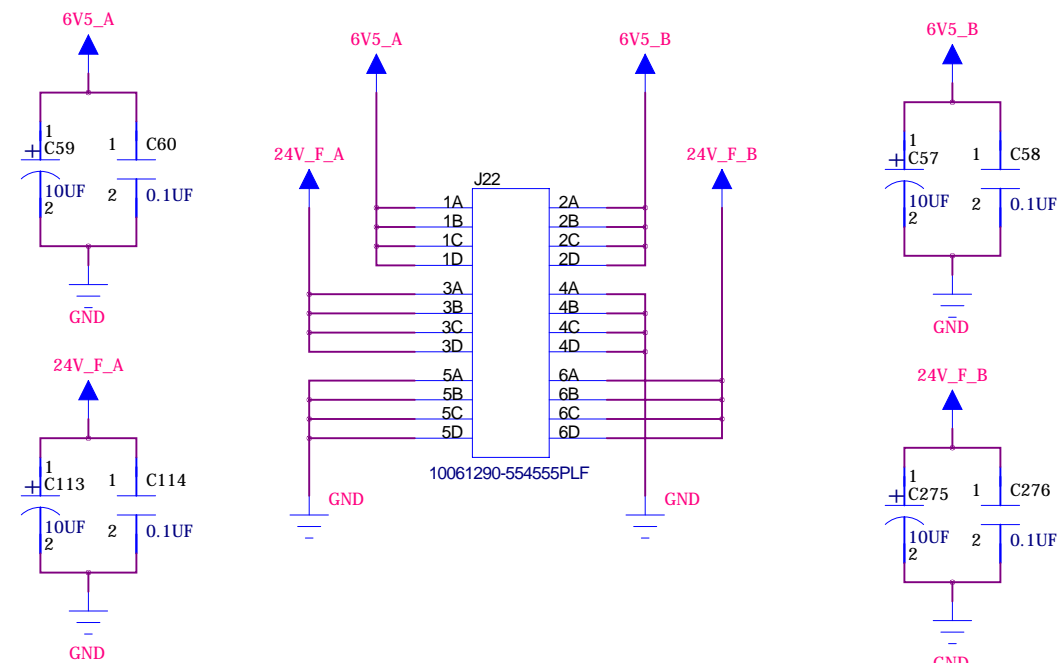
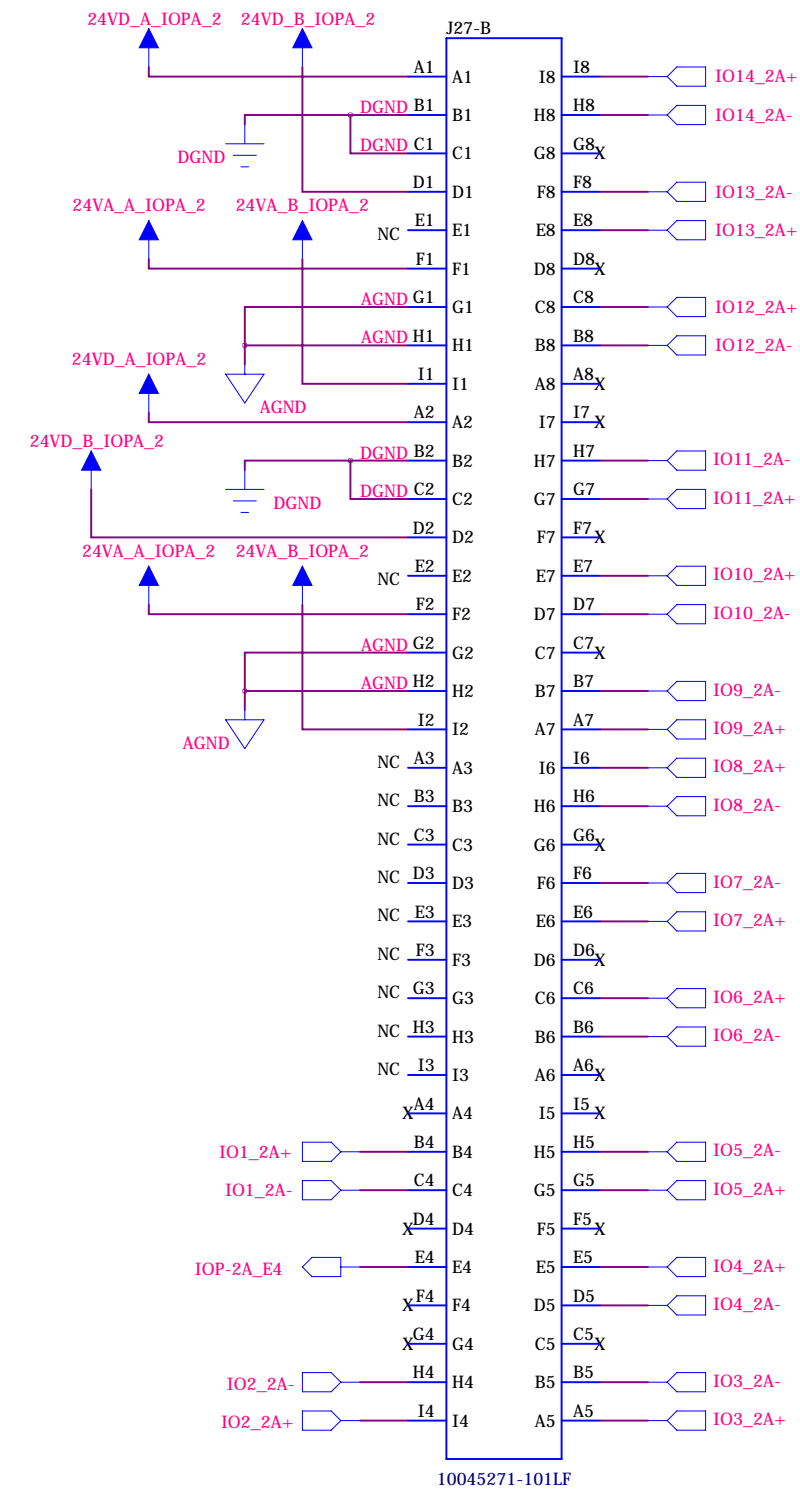
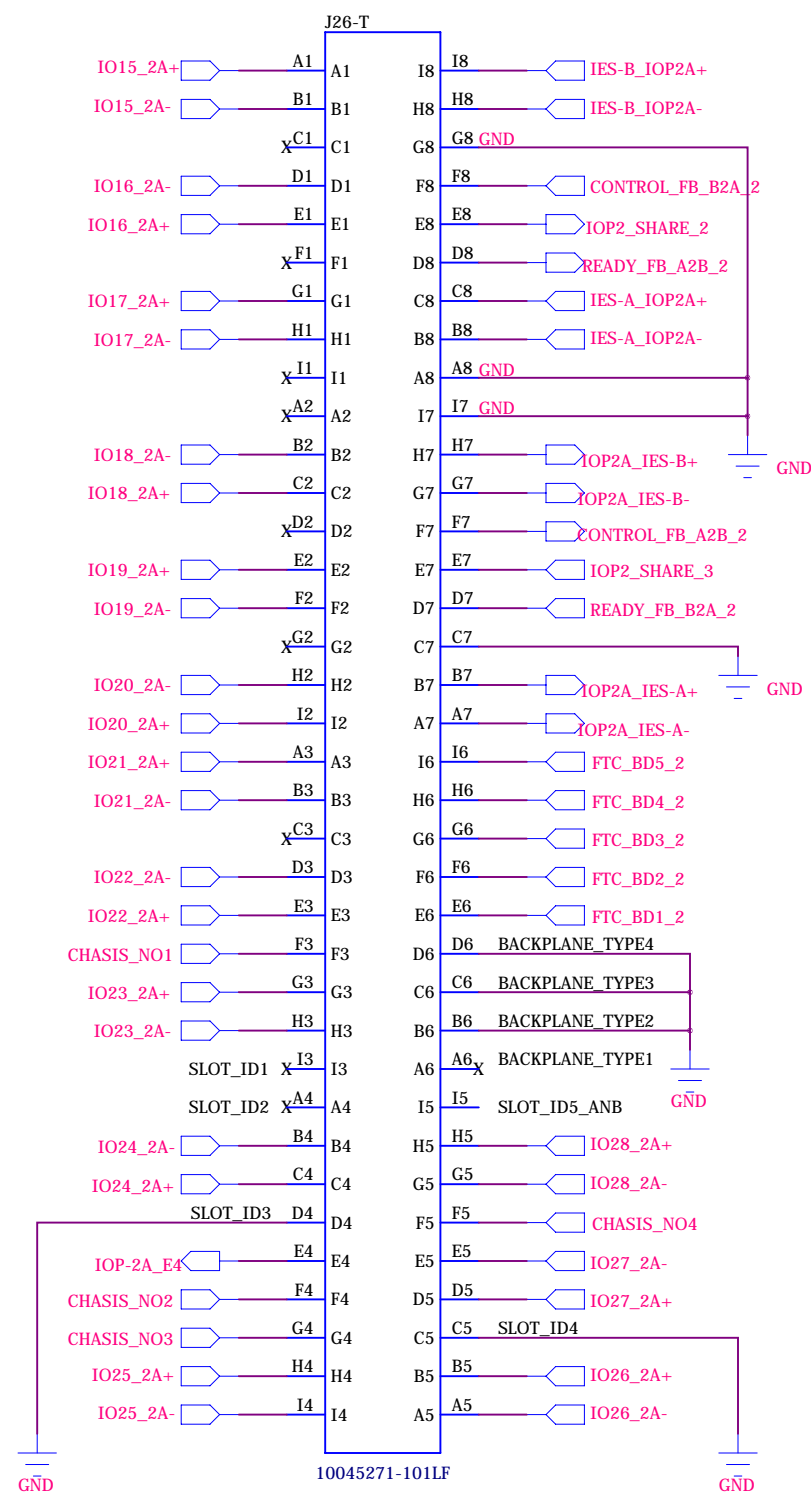
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DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012		IOP_1B			
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			FILE 18-600100-001_revA.sch		SCALE 1:1		Rev A

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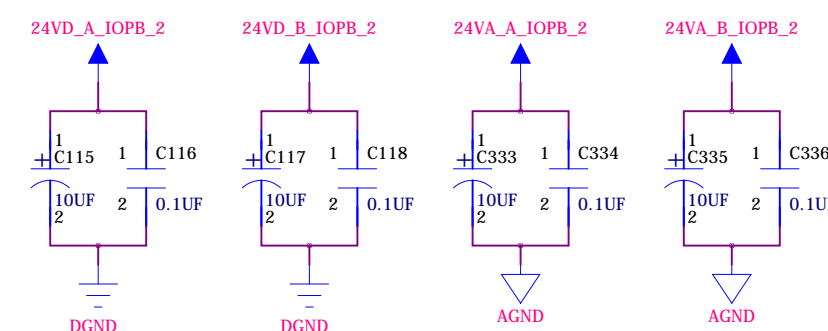
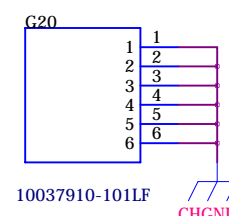
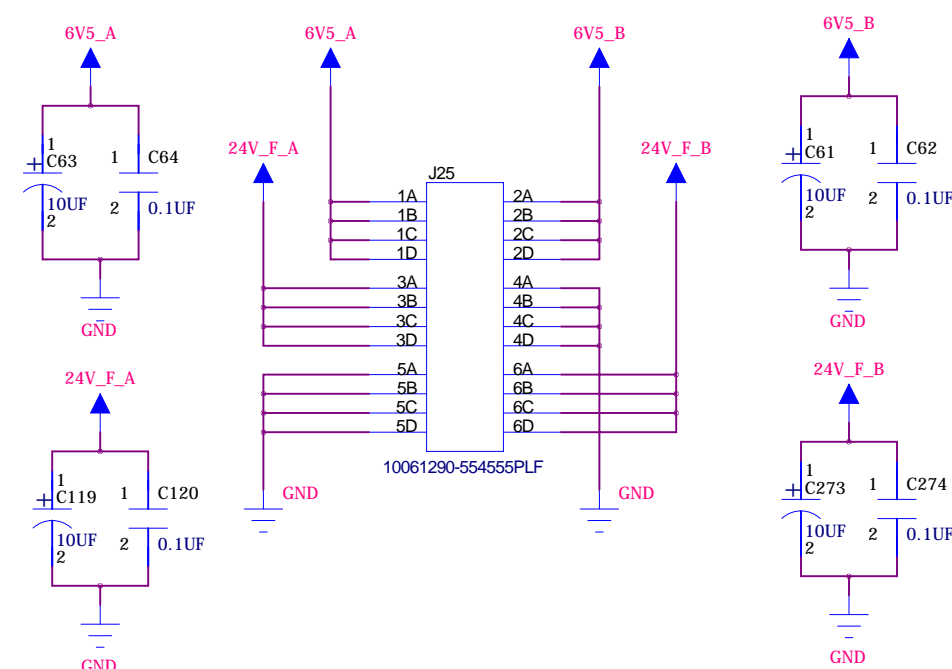
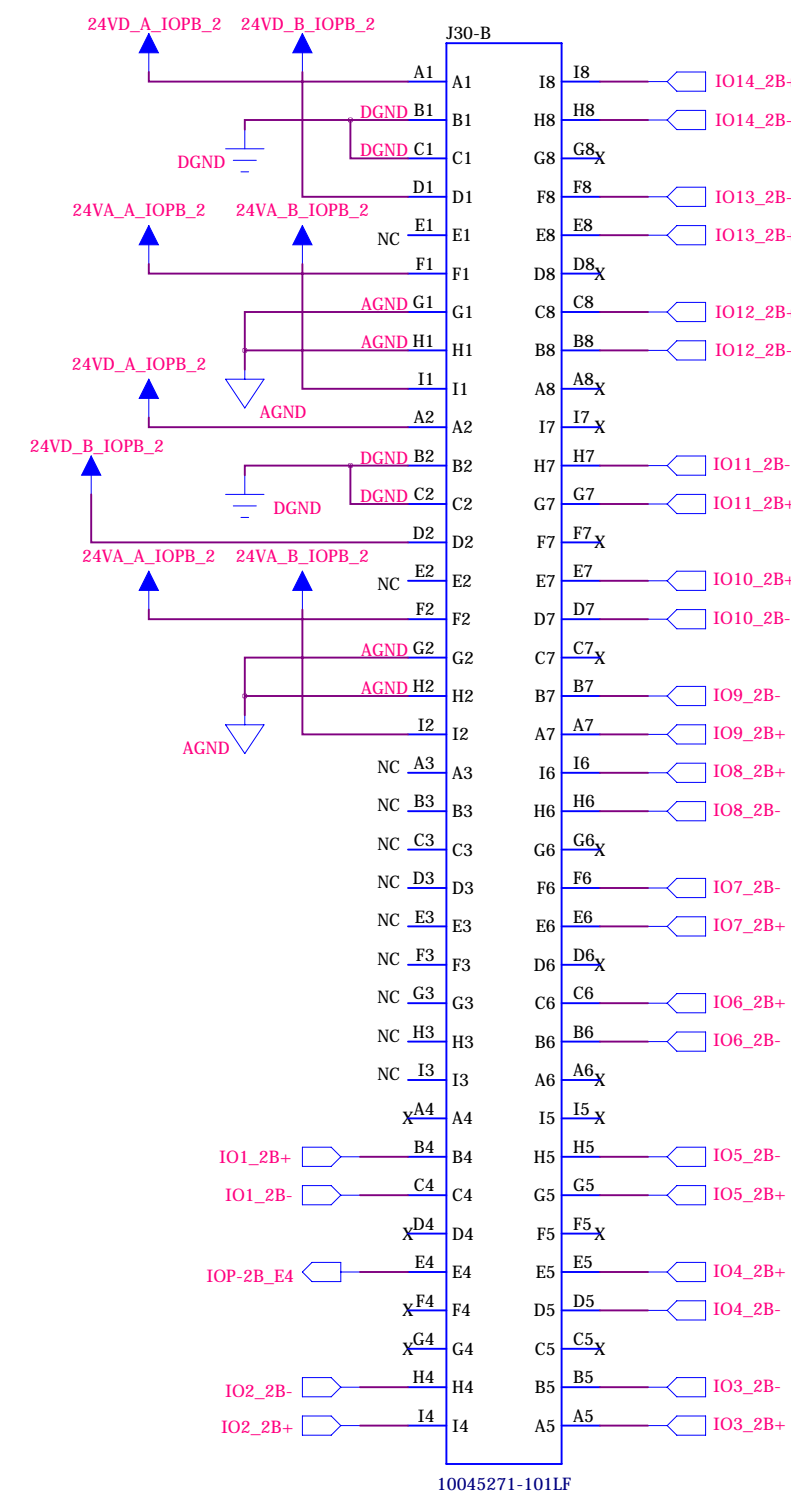
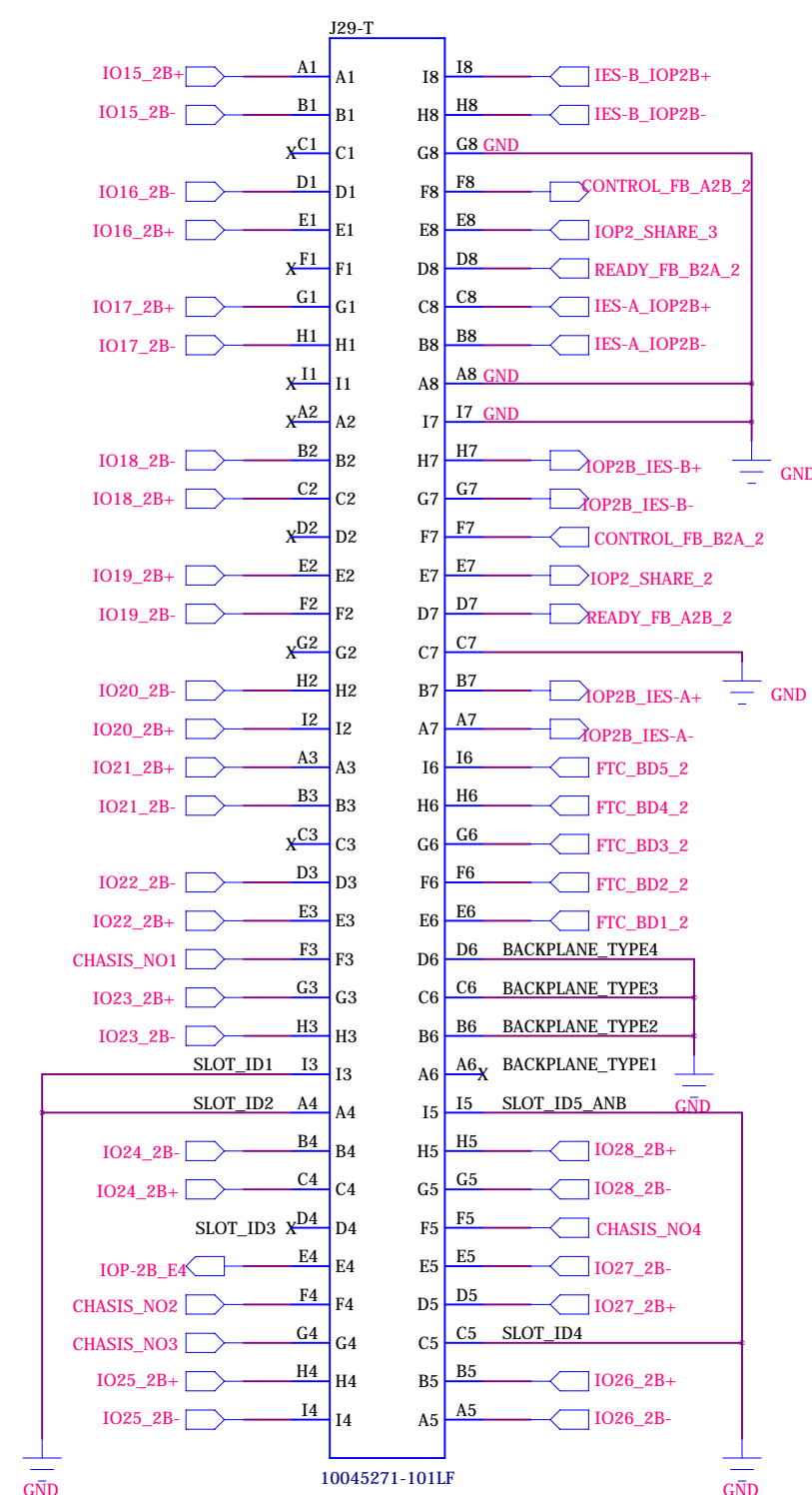
DWG. NO.
18-600100-001

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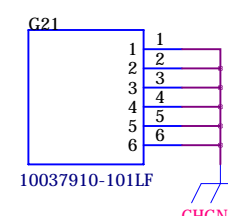
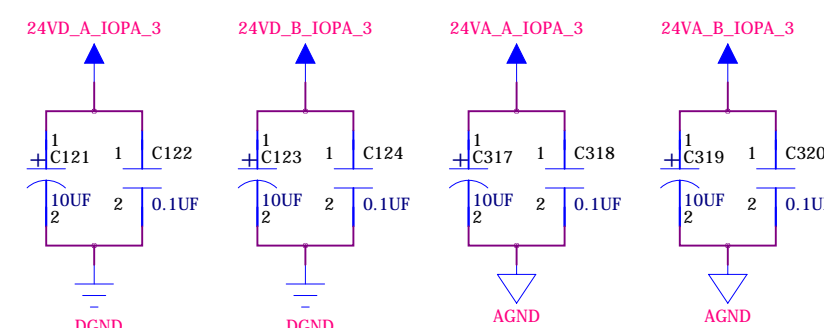
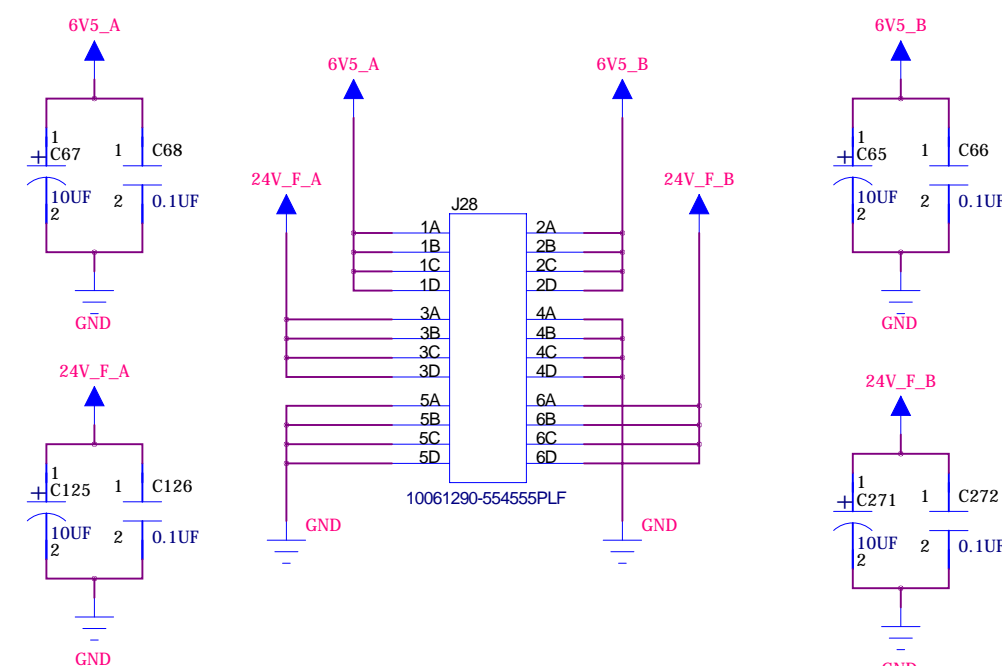
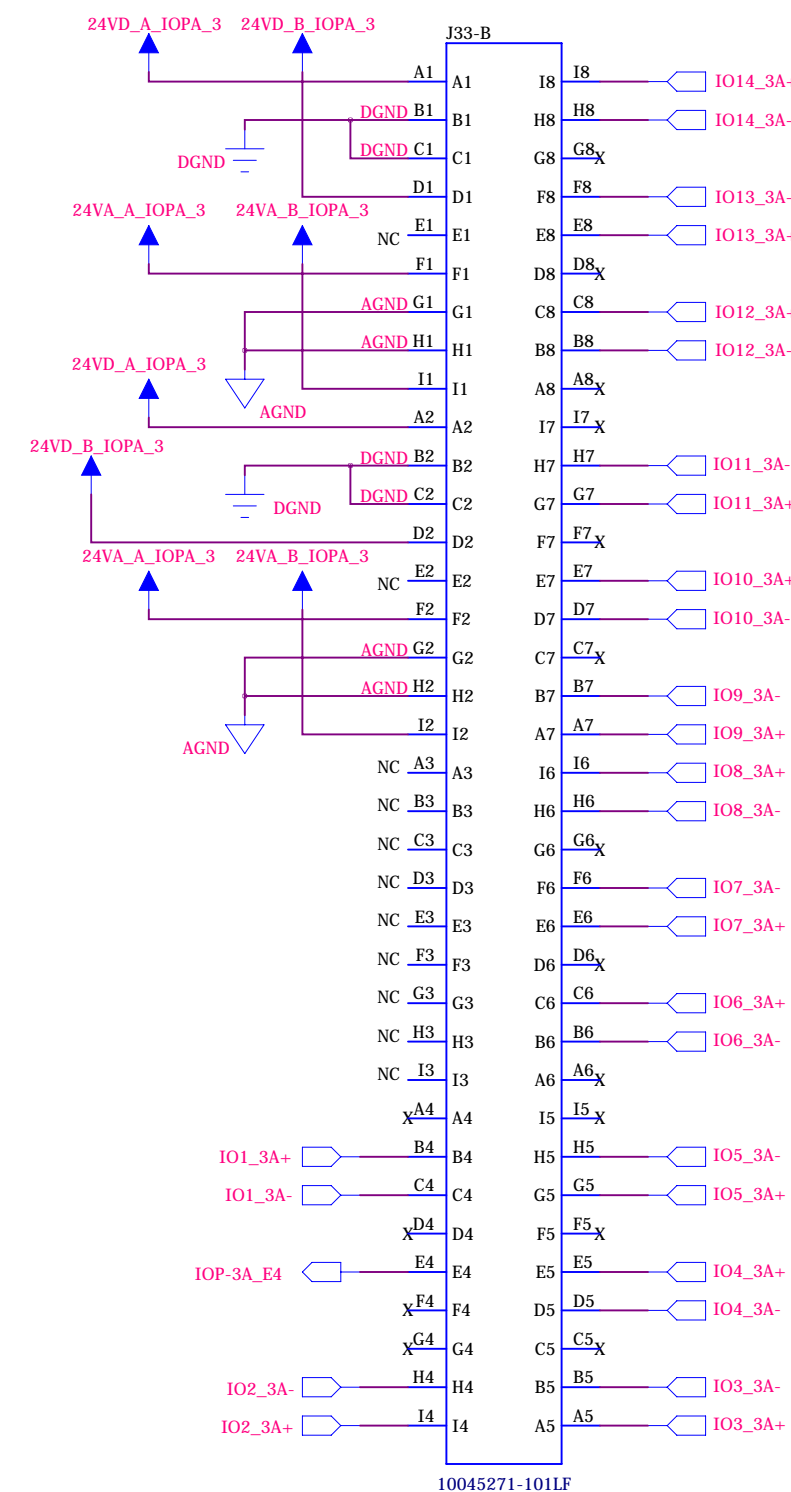
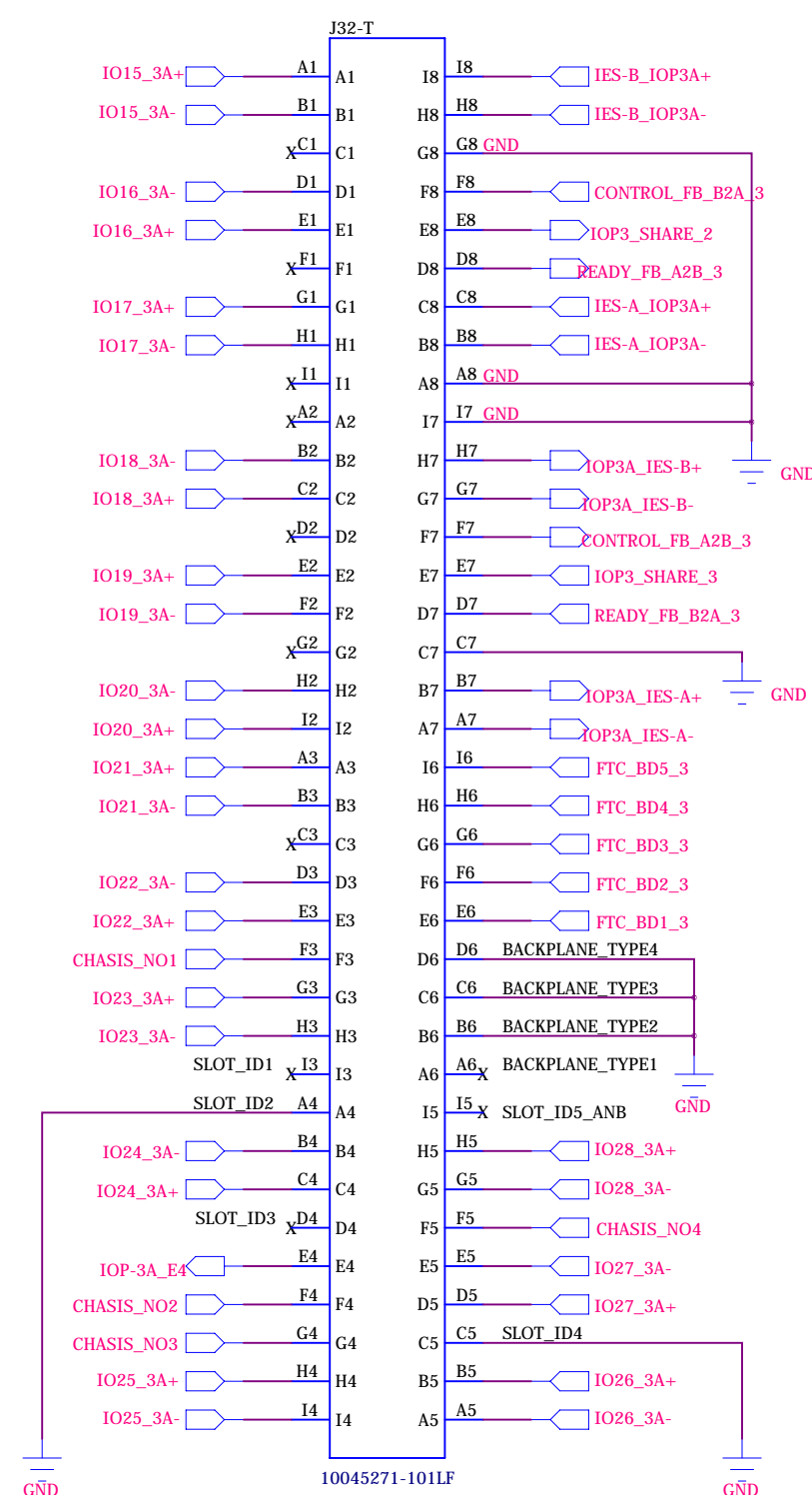
REV.
Rev A



APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012	4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012	IOP_2A			
ENGINEER Ravi V M			SIZE C	DWG. NO. 18-600100-001	SHEET 9 of 24	PROD REV. Rev A
				FILE 18-600100-001_revA.sch	SCALE 1:1	



APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012		IOP_2B			
ENGINEER Ravi V M				SIZE C	DWG. NO. 18-600100-001	SHEET 10 of 24	PROD REV.
				FILE 18-600100-001_revA.sch	SCALE 1:1	Rev A	



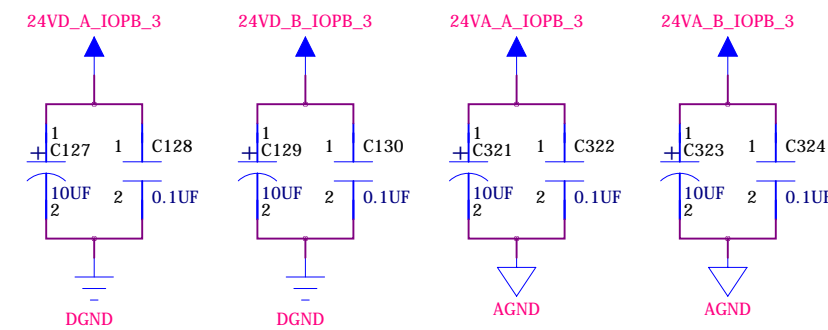
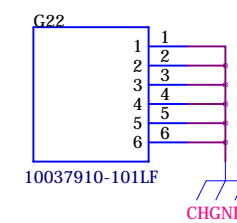
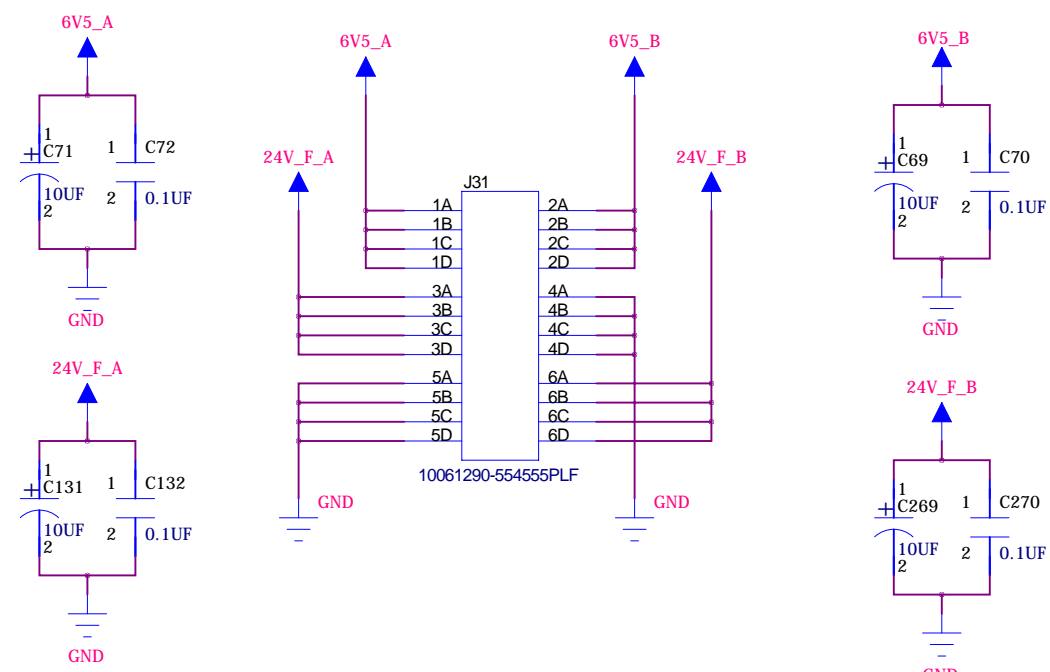
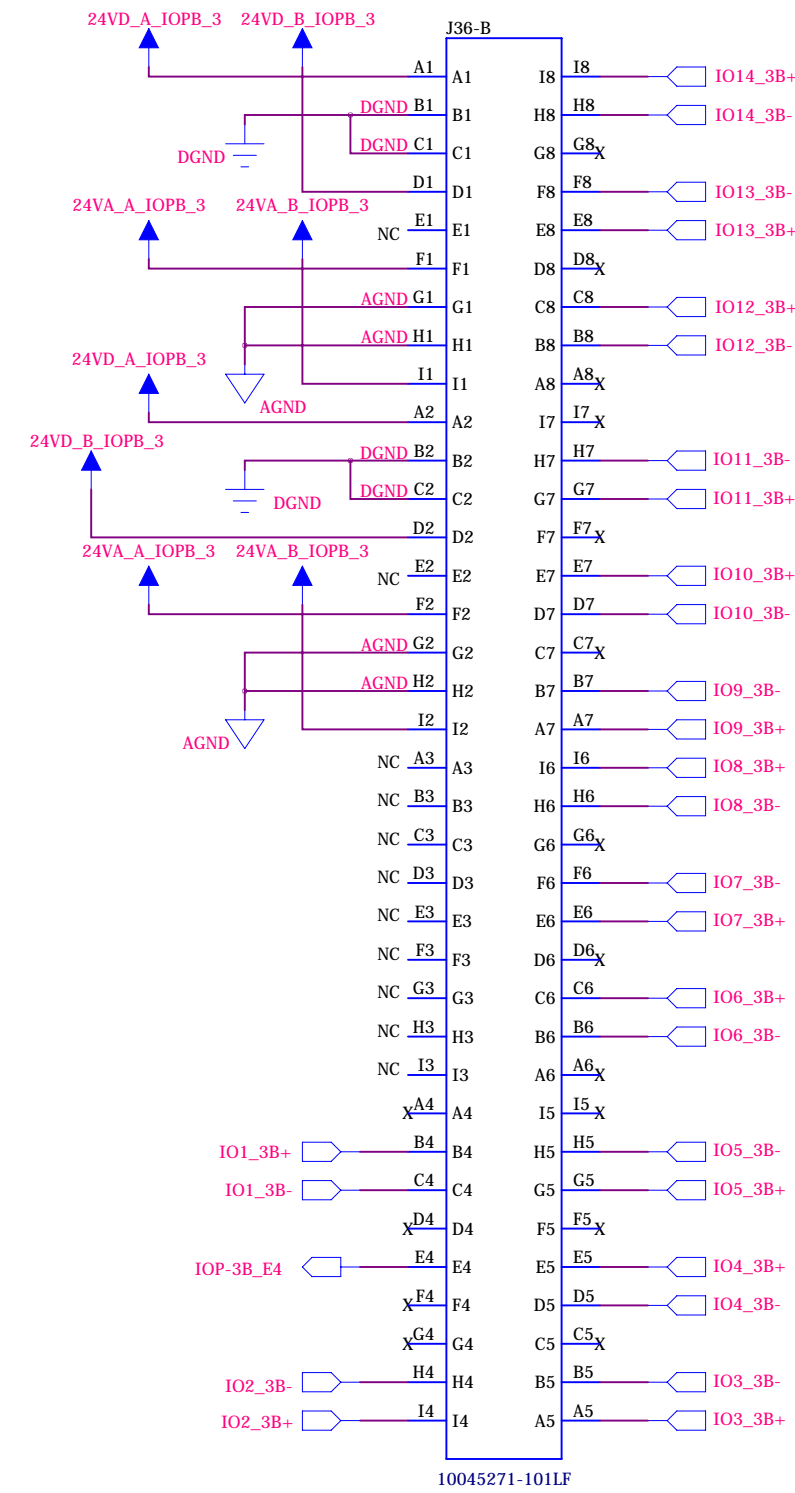
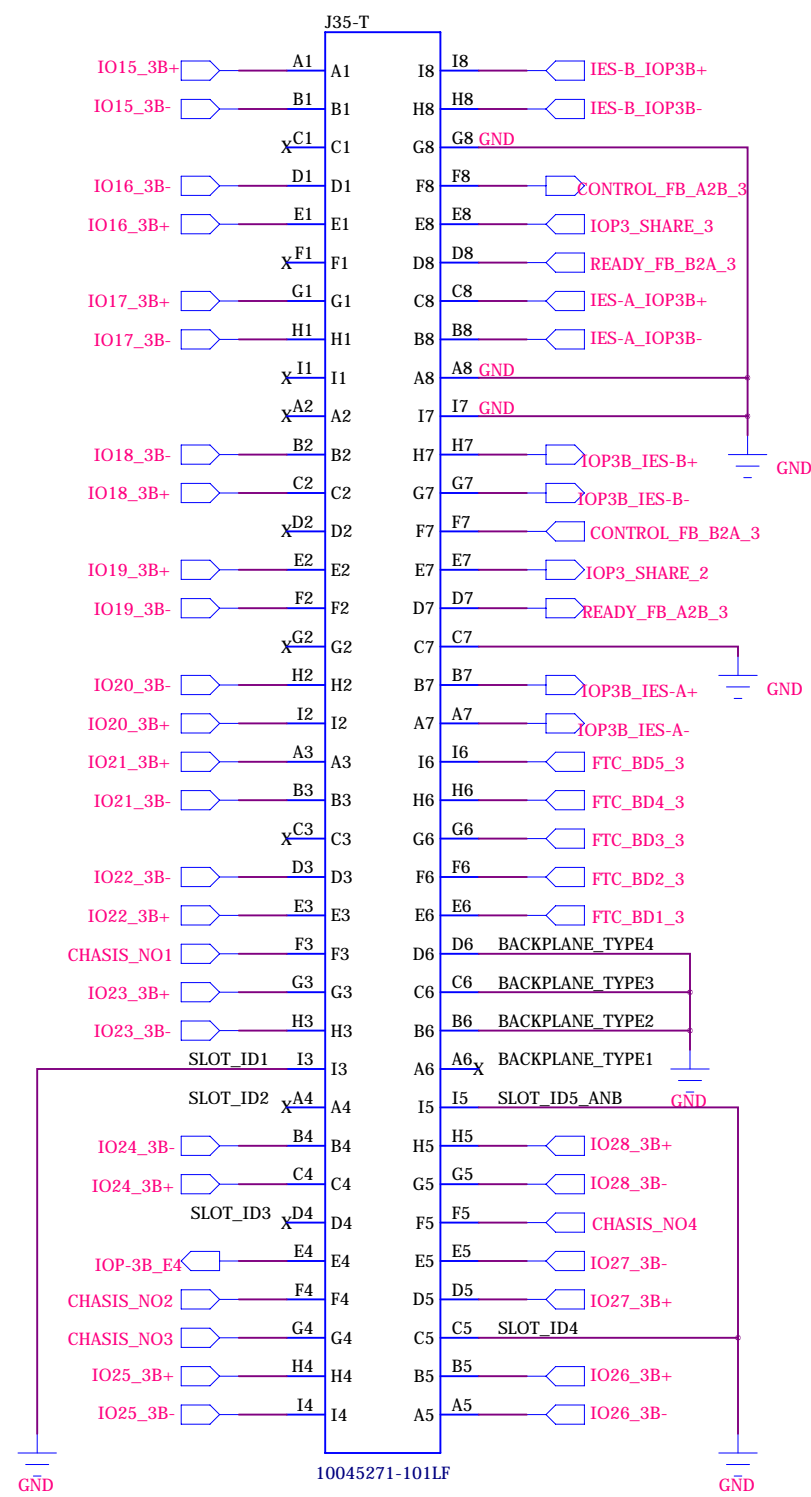
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				FILE	18-600100-001_revA.sch	SCALE 1:1	Rev A

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DWG. NO.
18-600100-001

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Rev A



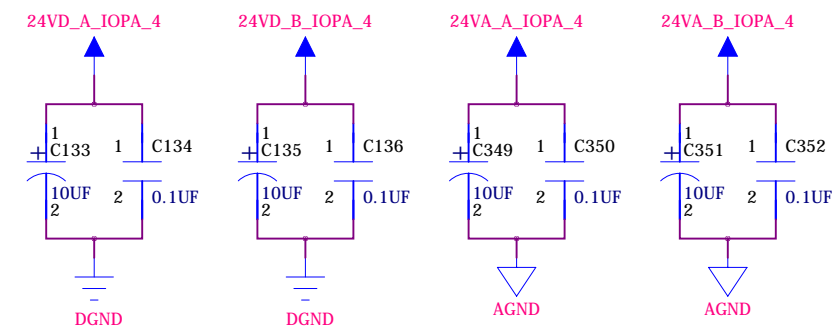
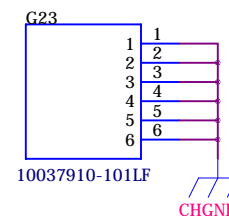
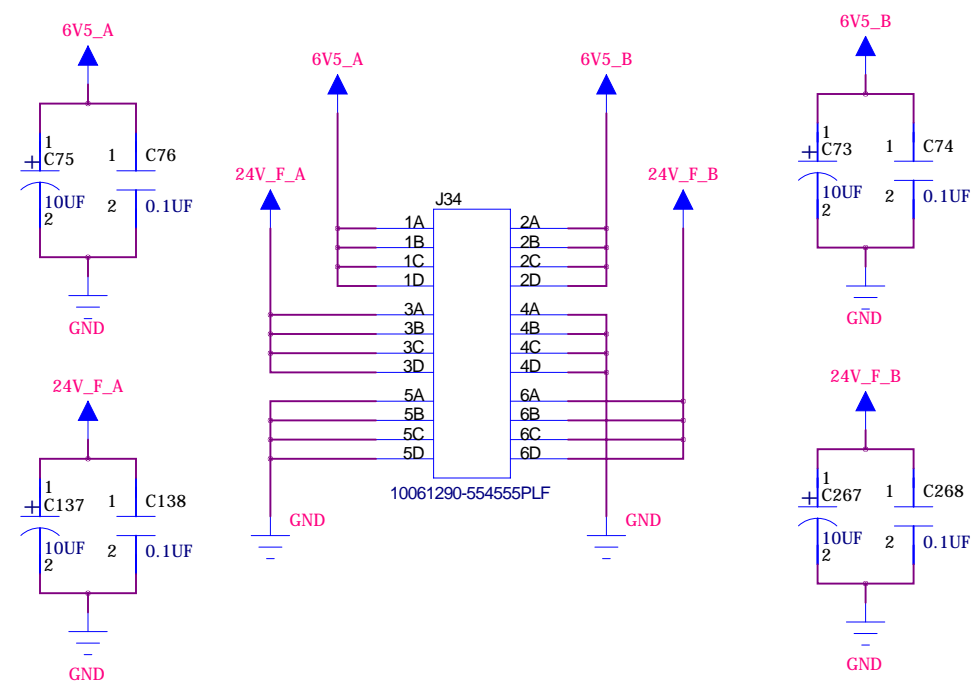
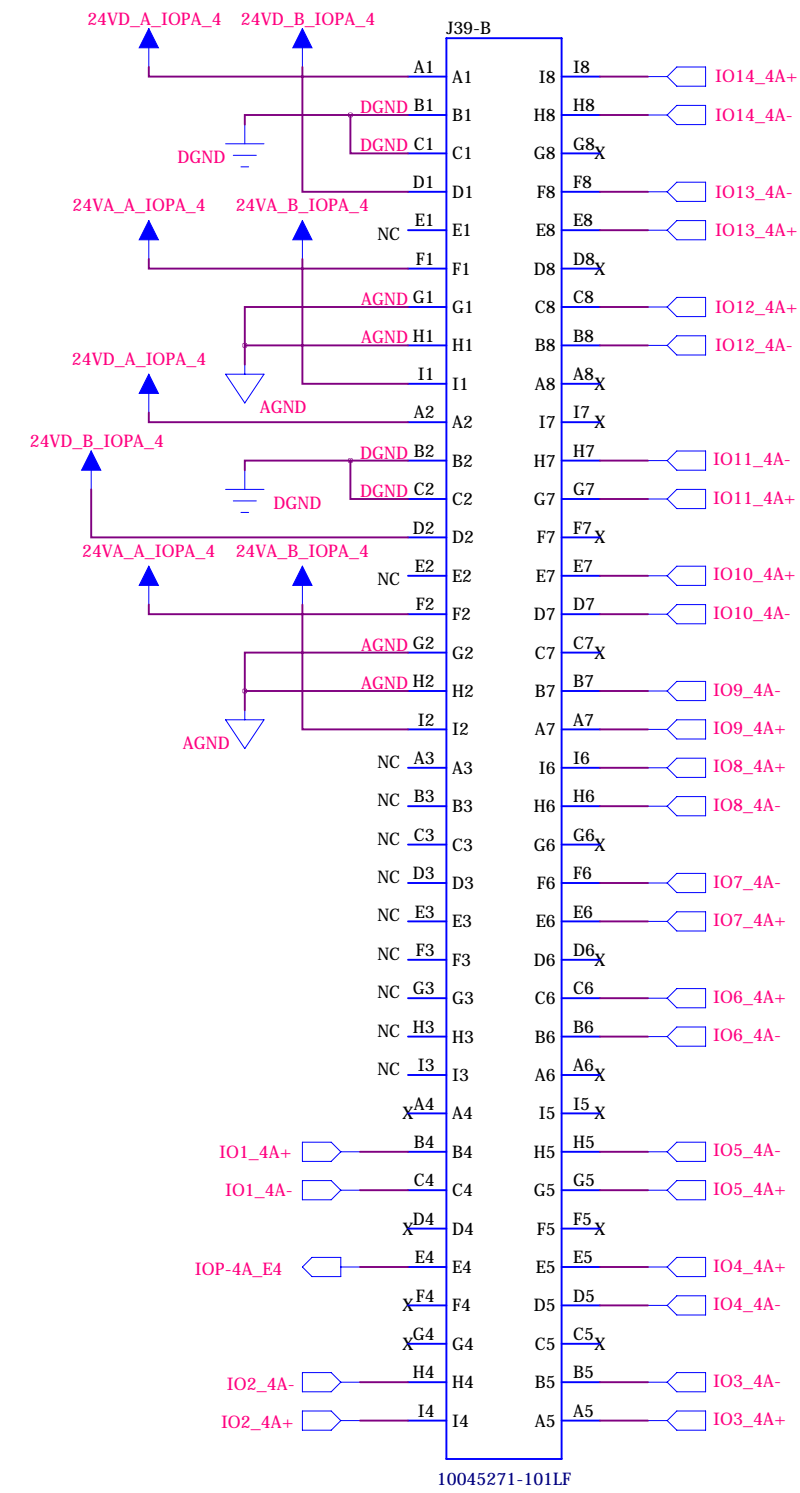
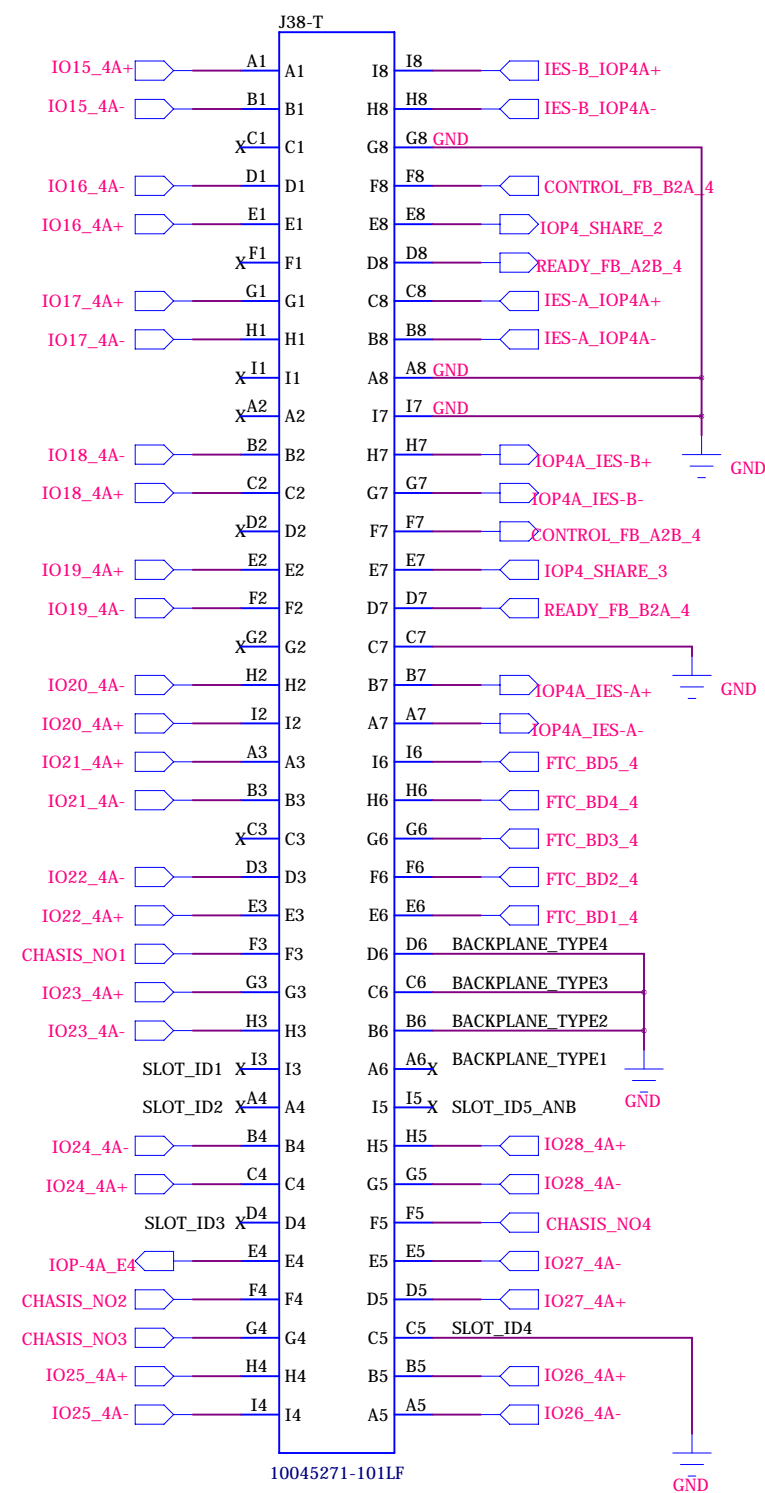
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DRAWN Ravi V M		14-DEC-2012	4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012	IOP_3B			
ENGINEER Ravi V M			SIZE C	DWG. NO. 18-600100-001	SHEET 12 of 24	PROD REV. Rev A
				FILE 18-600100-001_revA.sch	SCALE 1:1	

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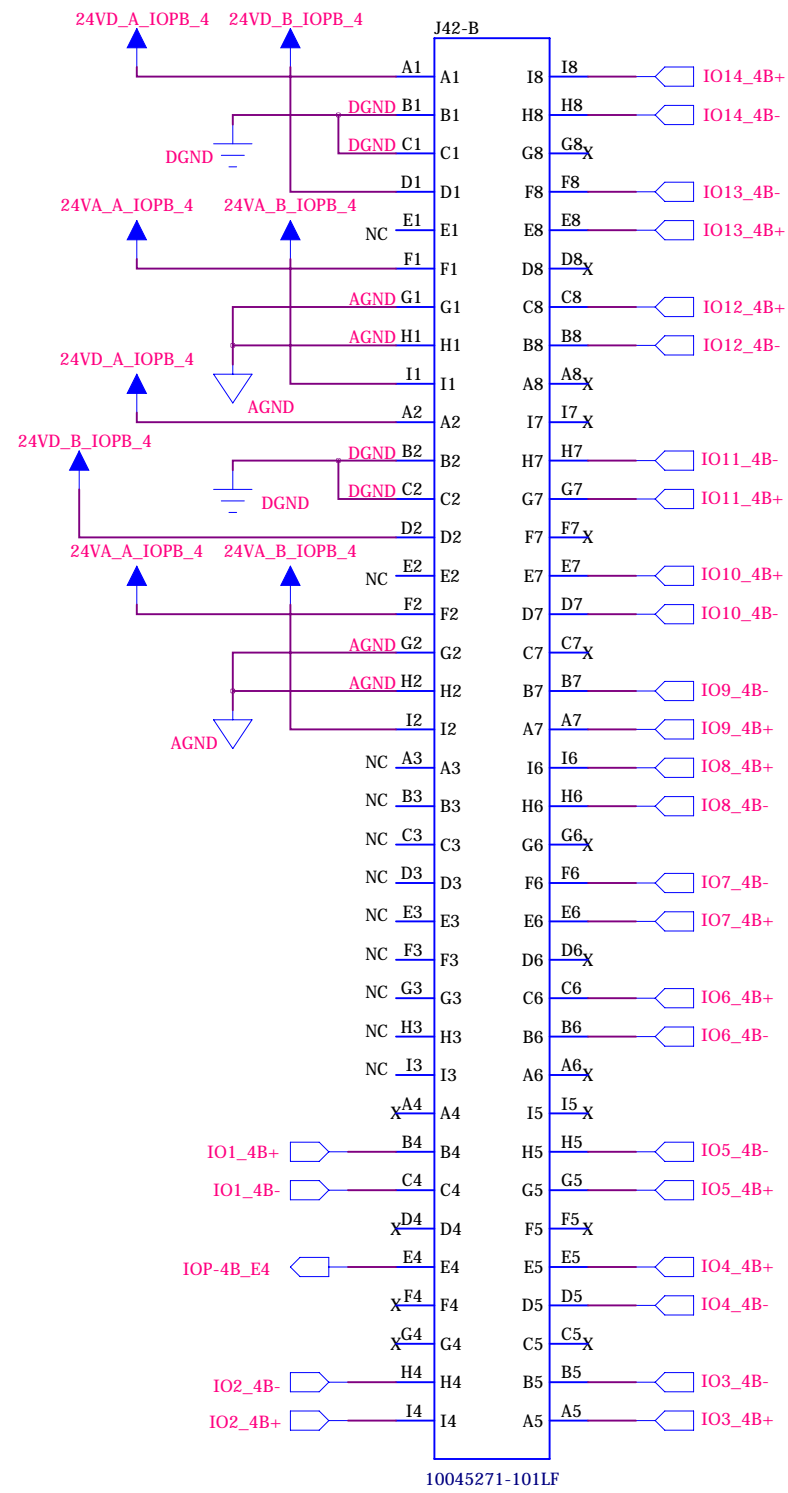
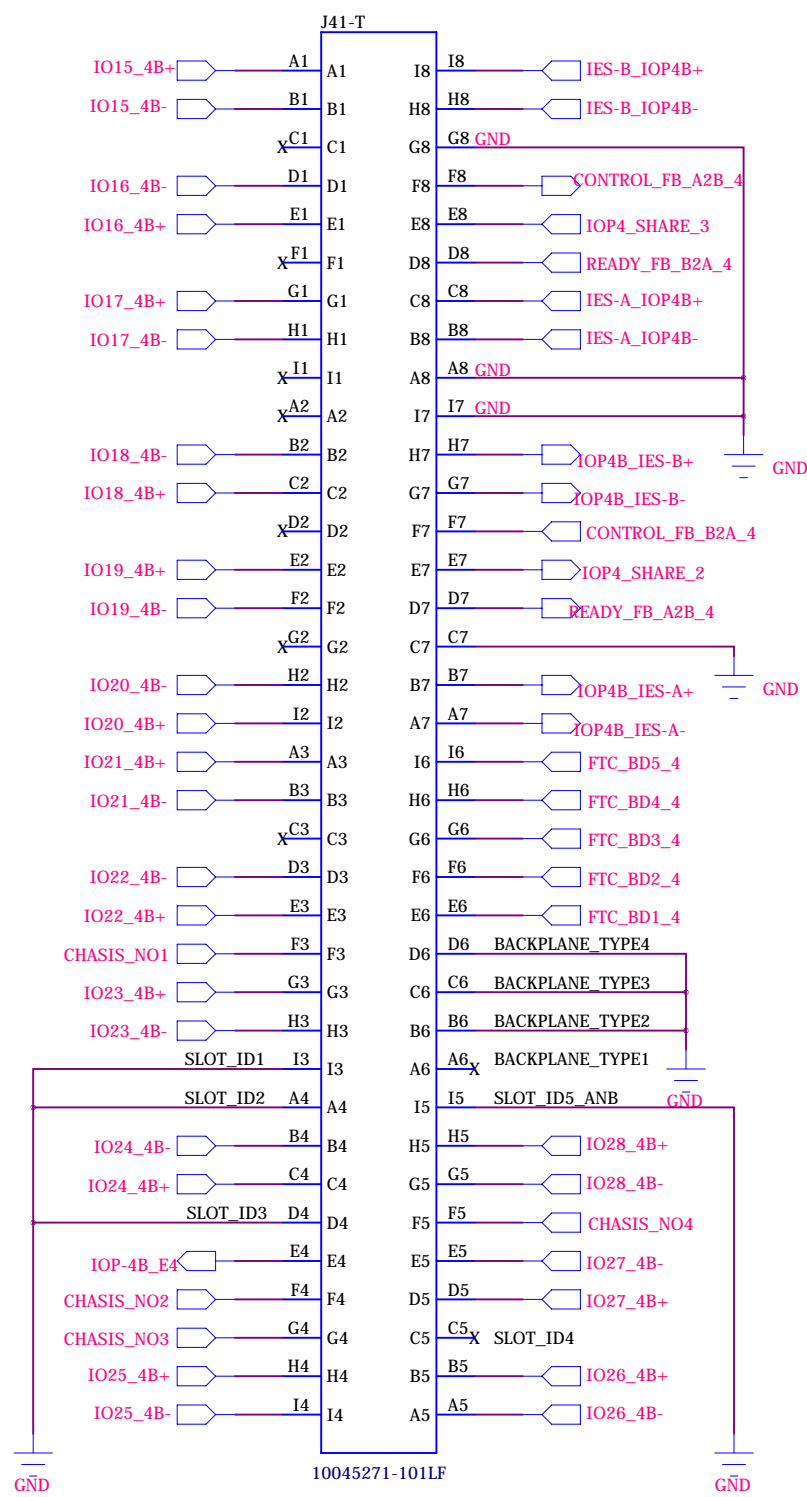
APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012	4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012	IOP_4A			
ENGINEER Ravi V M			SIZE C	DWG. NO. 18-600100-001	SHEET 13 of 24	PROD REV. Rev A
				FILE 18-600100-001_revA.sch	SCALE 1:1	

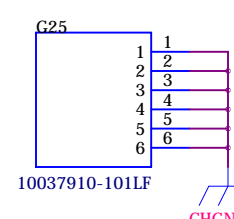
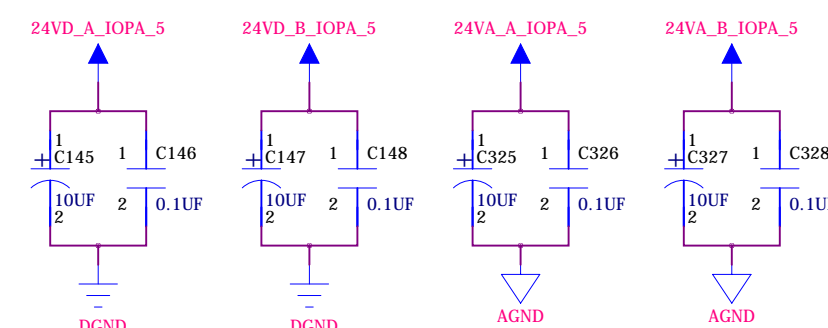
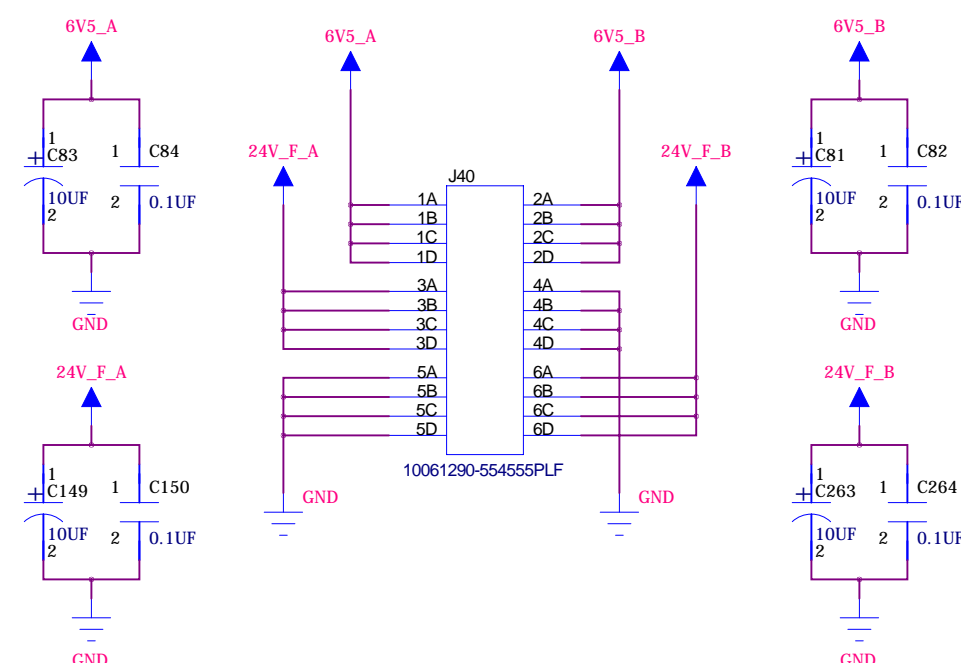
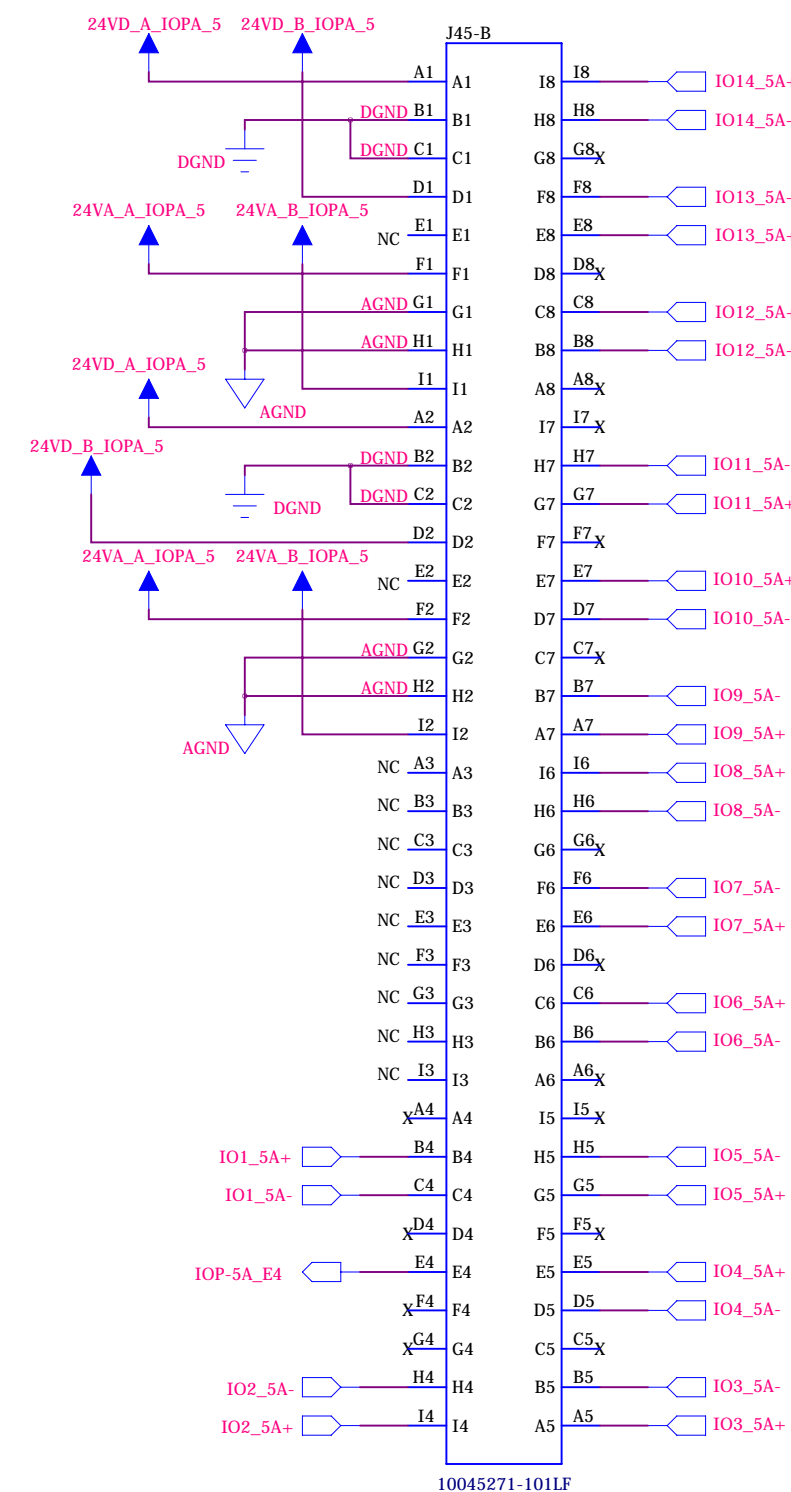
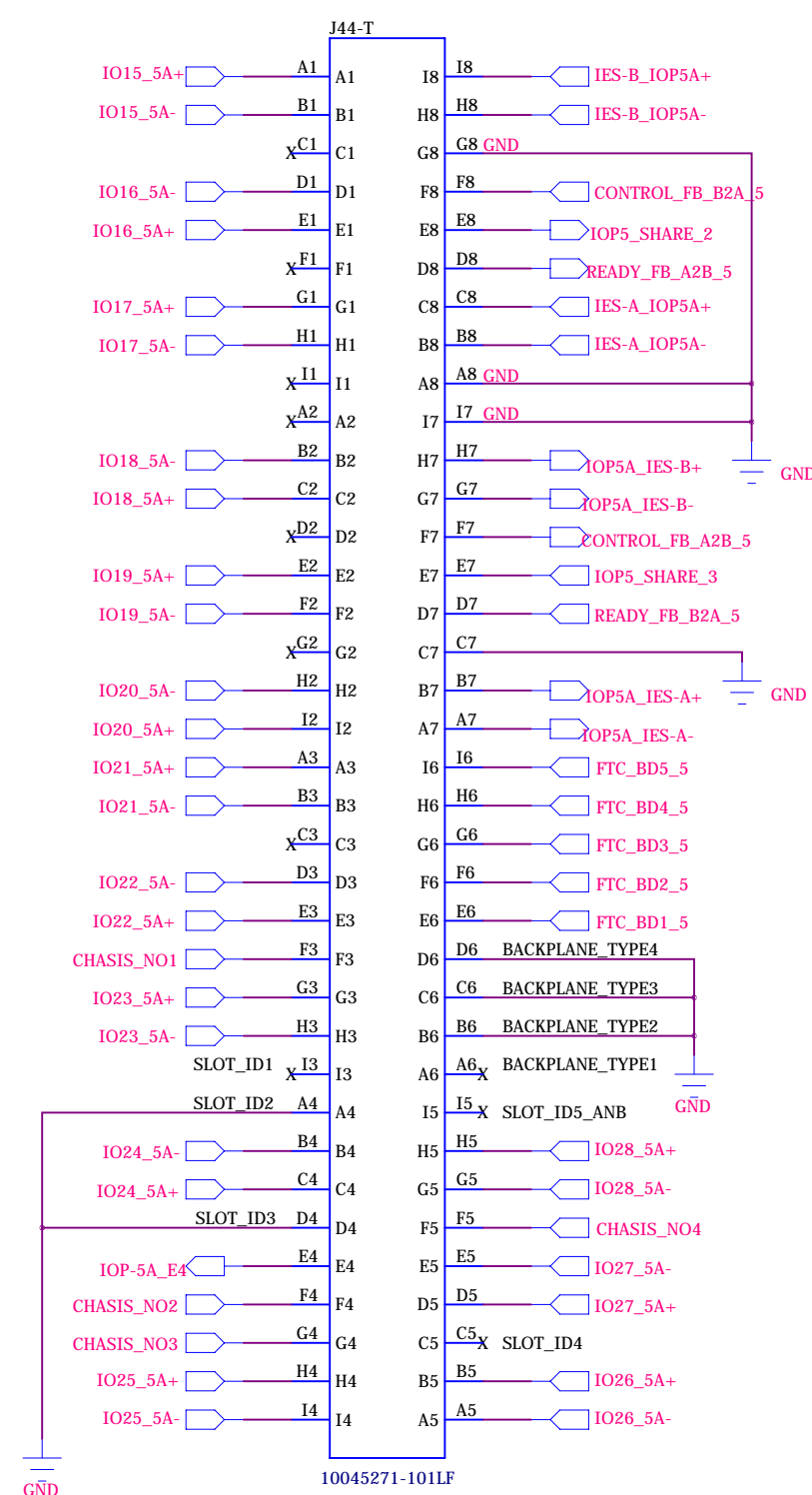
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DWG. NO.
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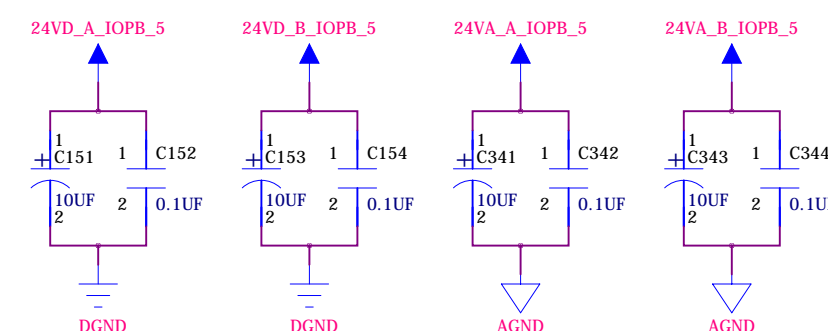
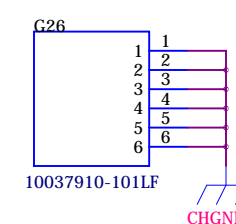
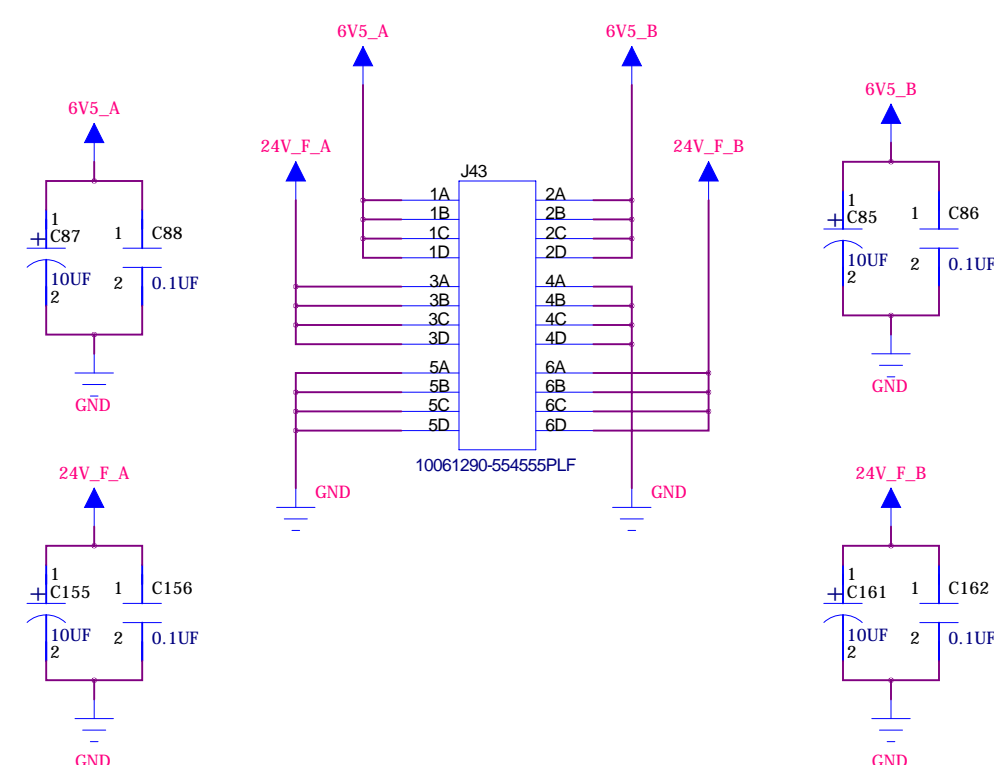
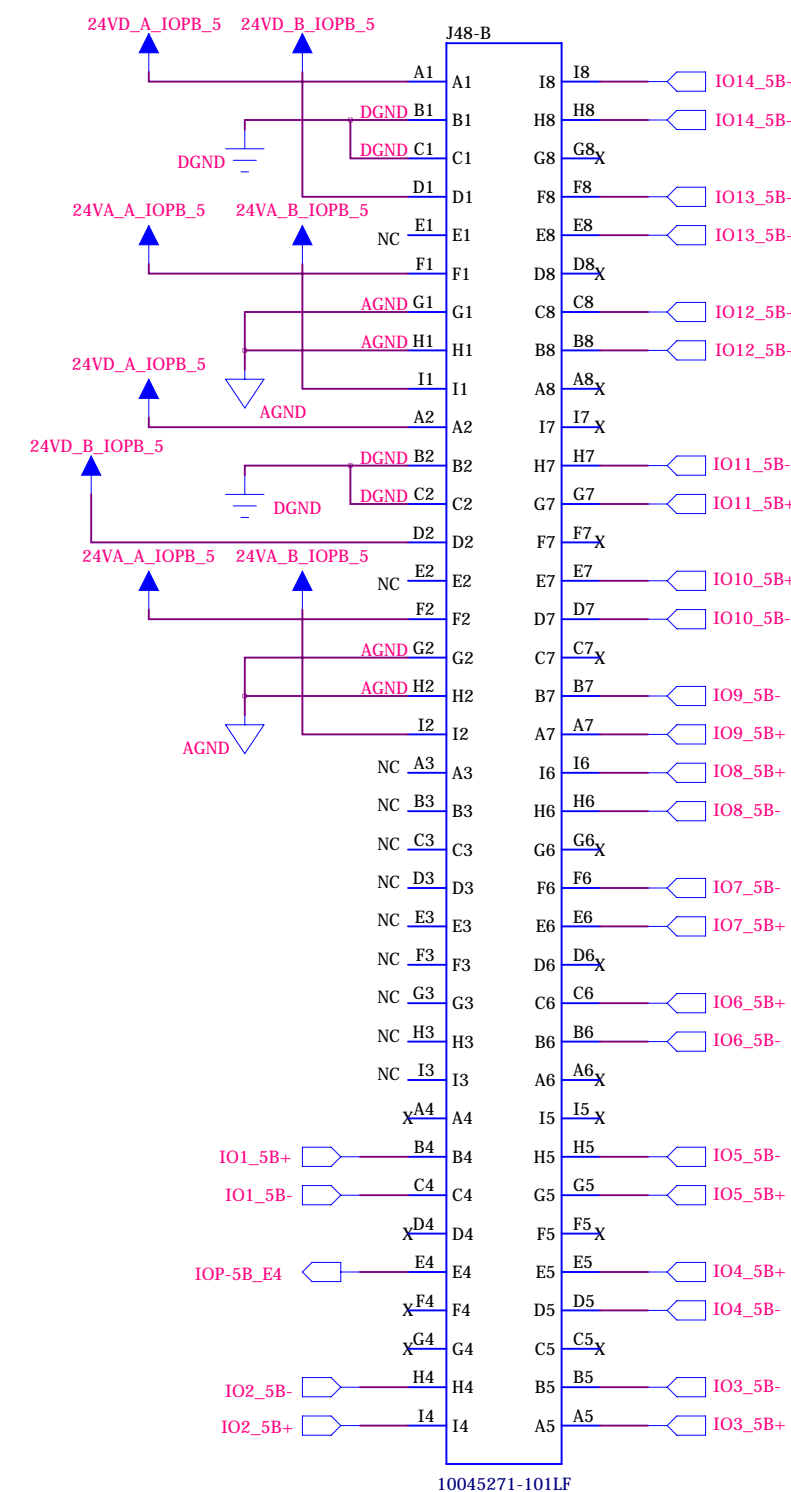
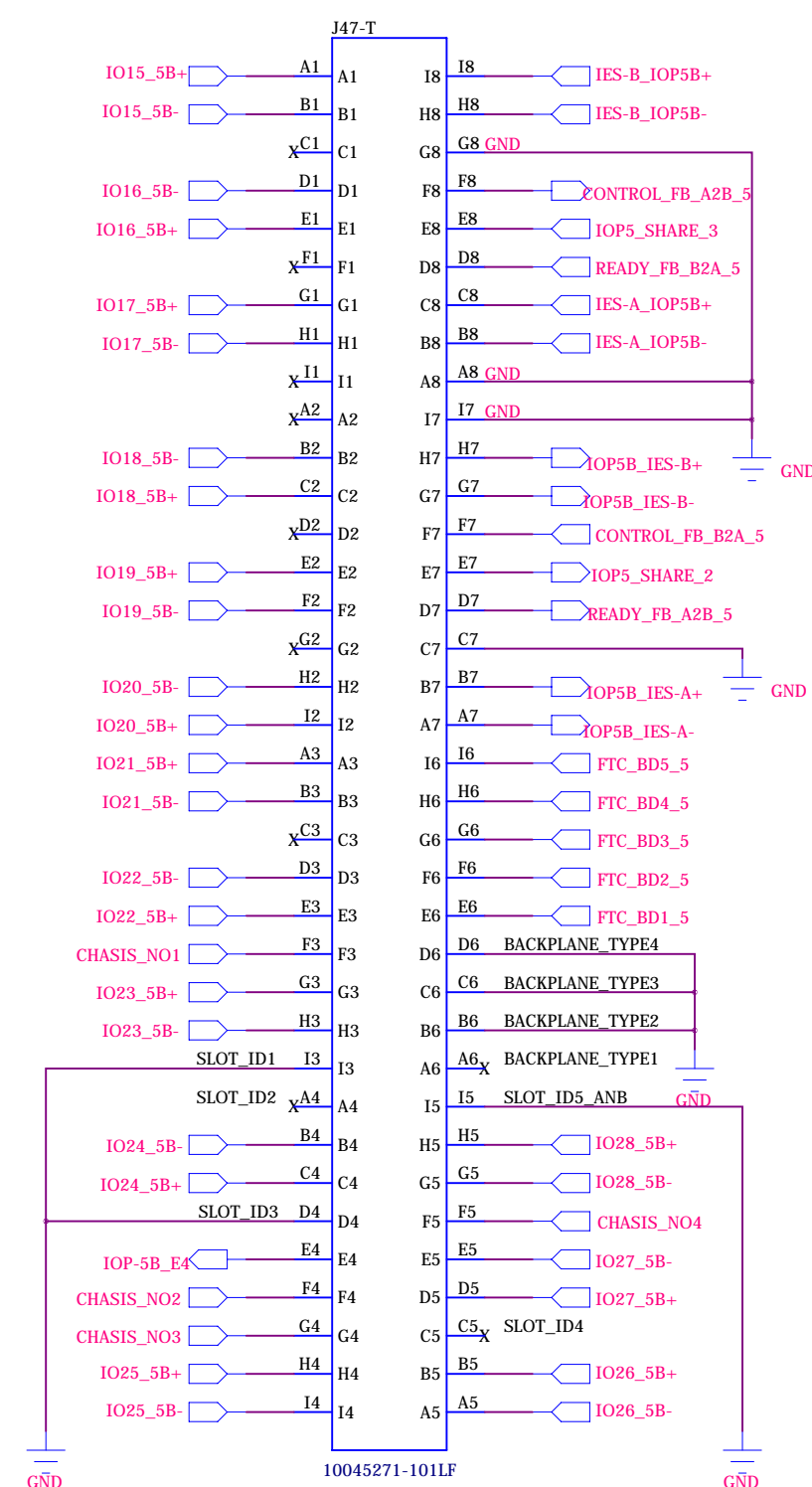
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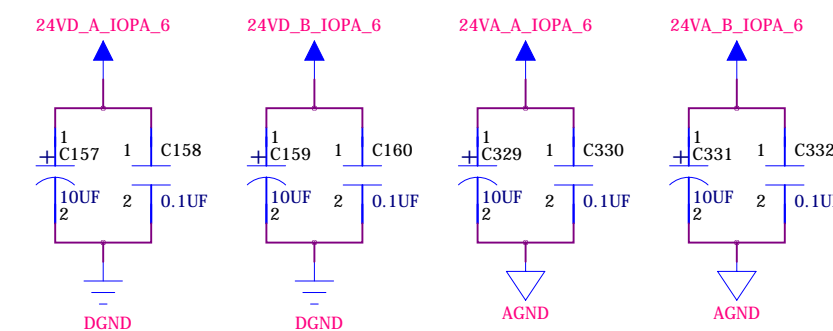
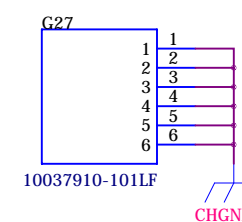
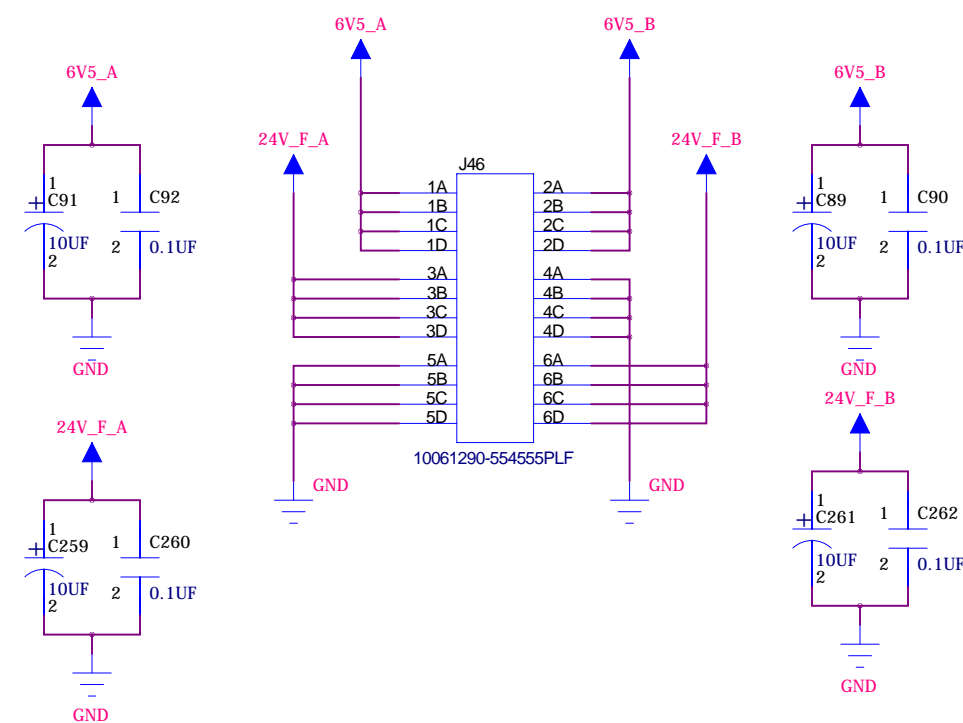
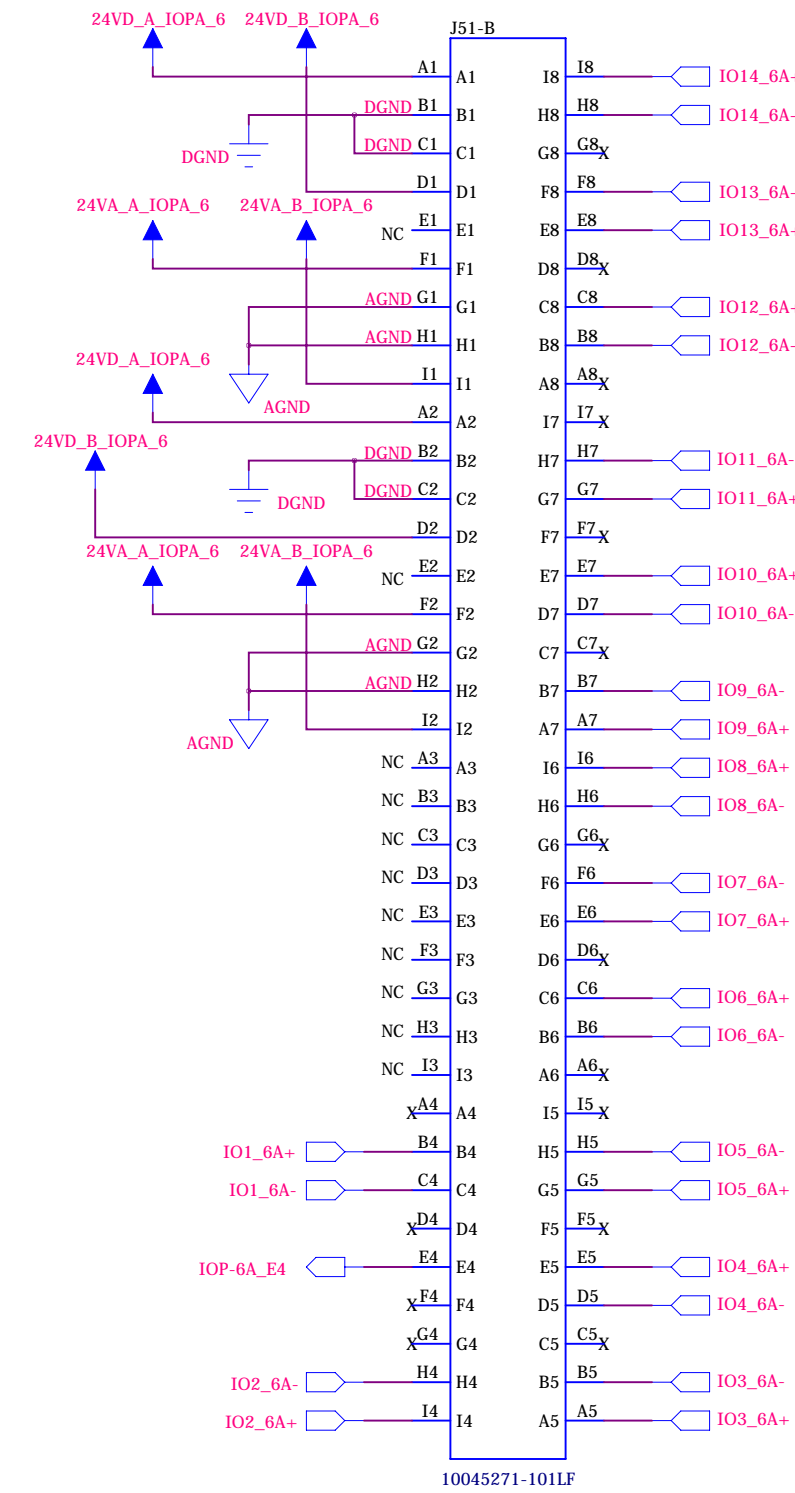
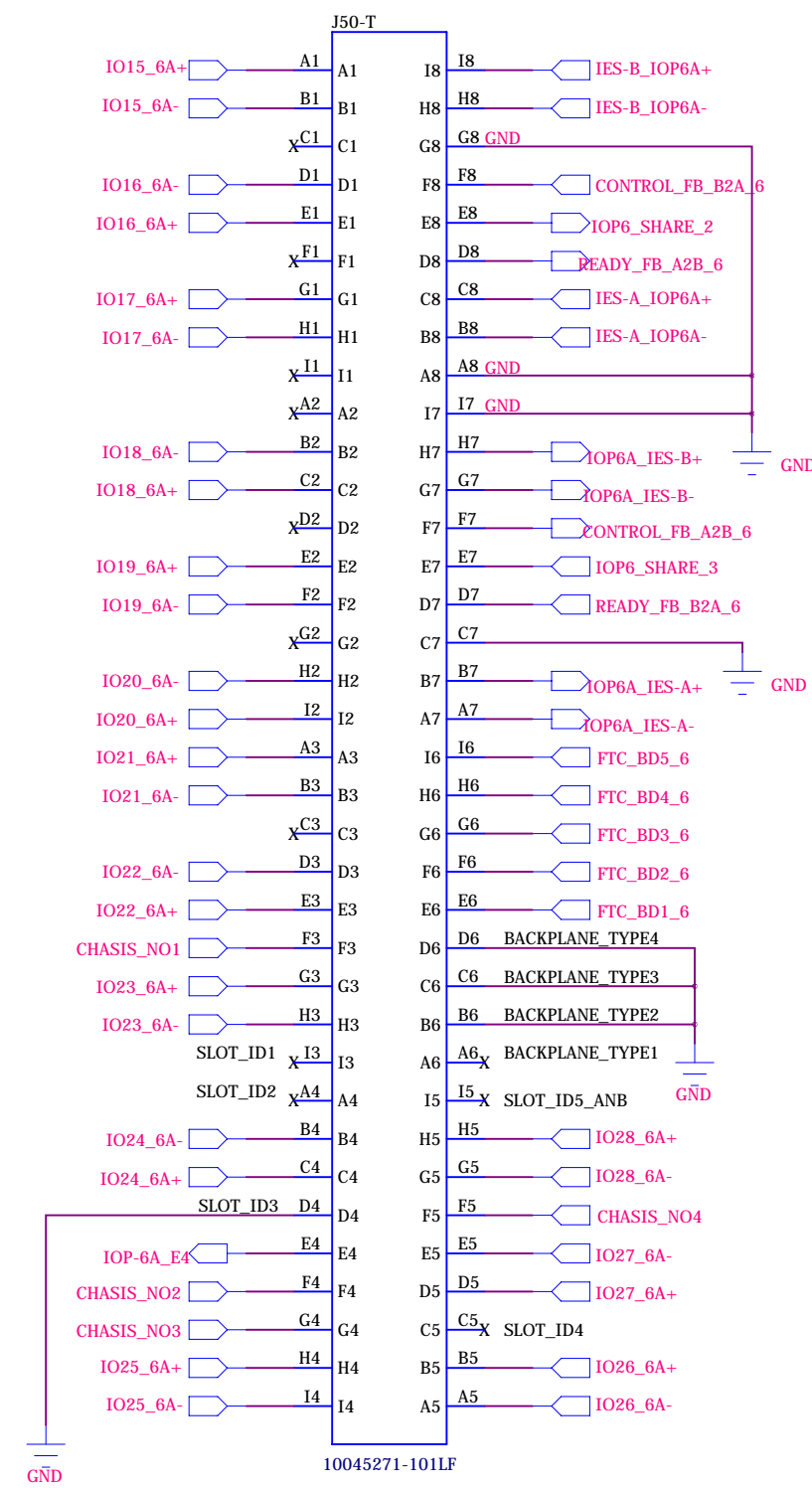




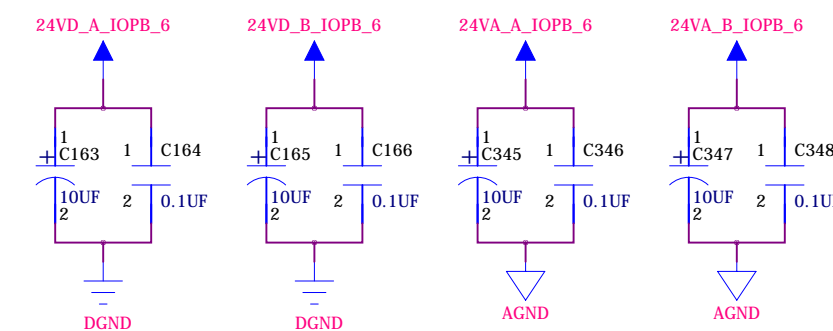
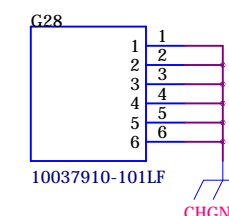
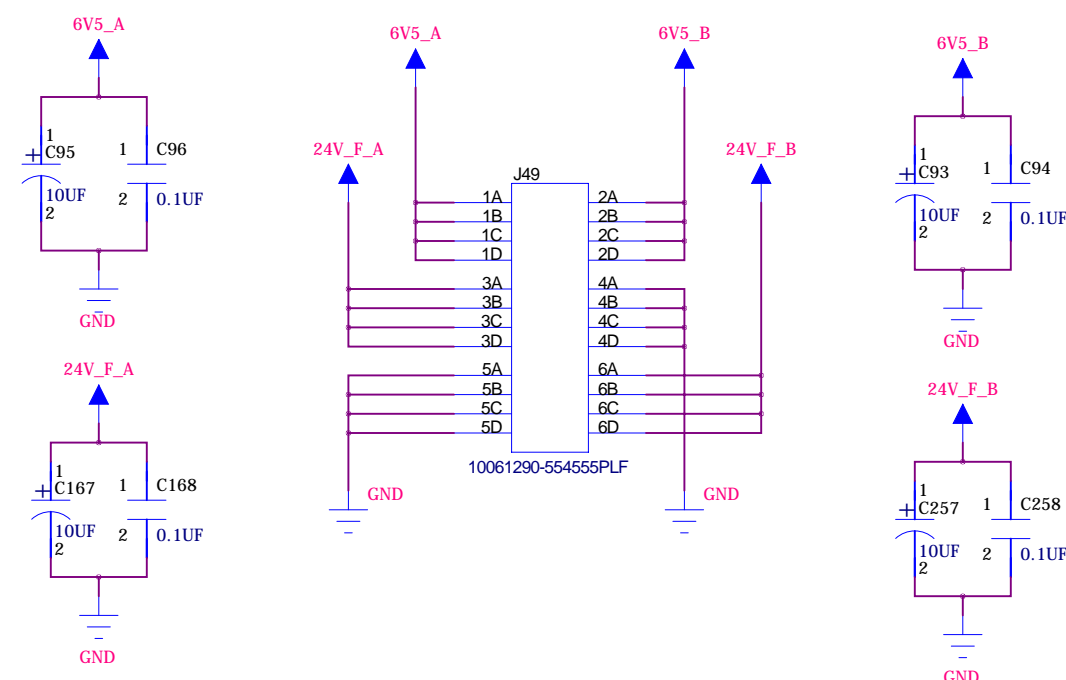
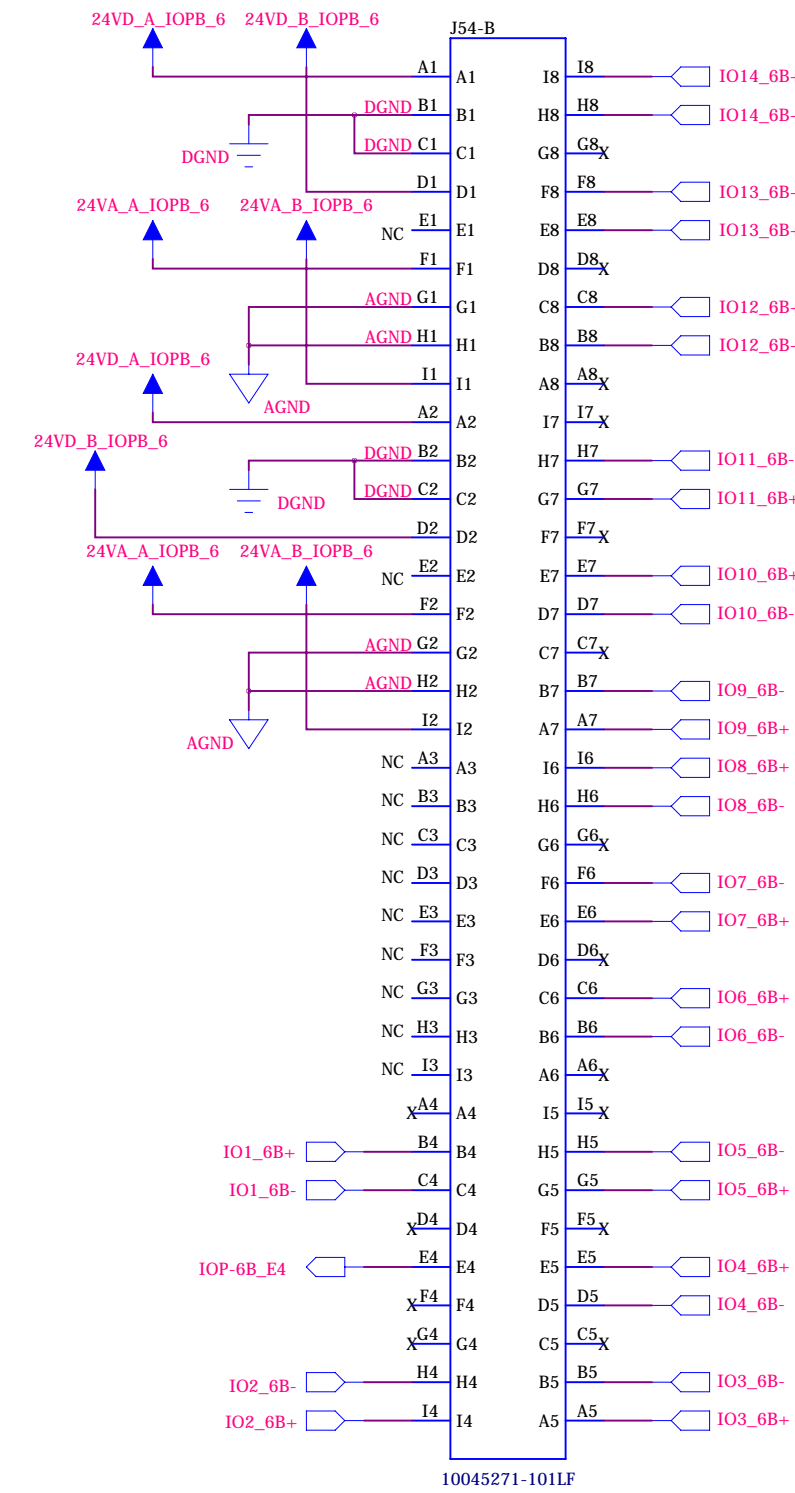
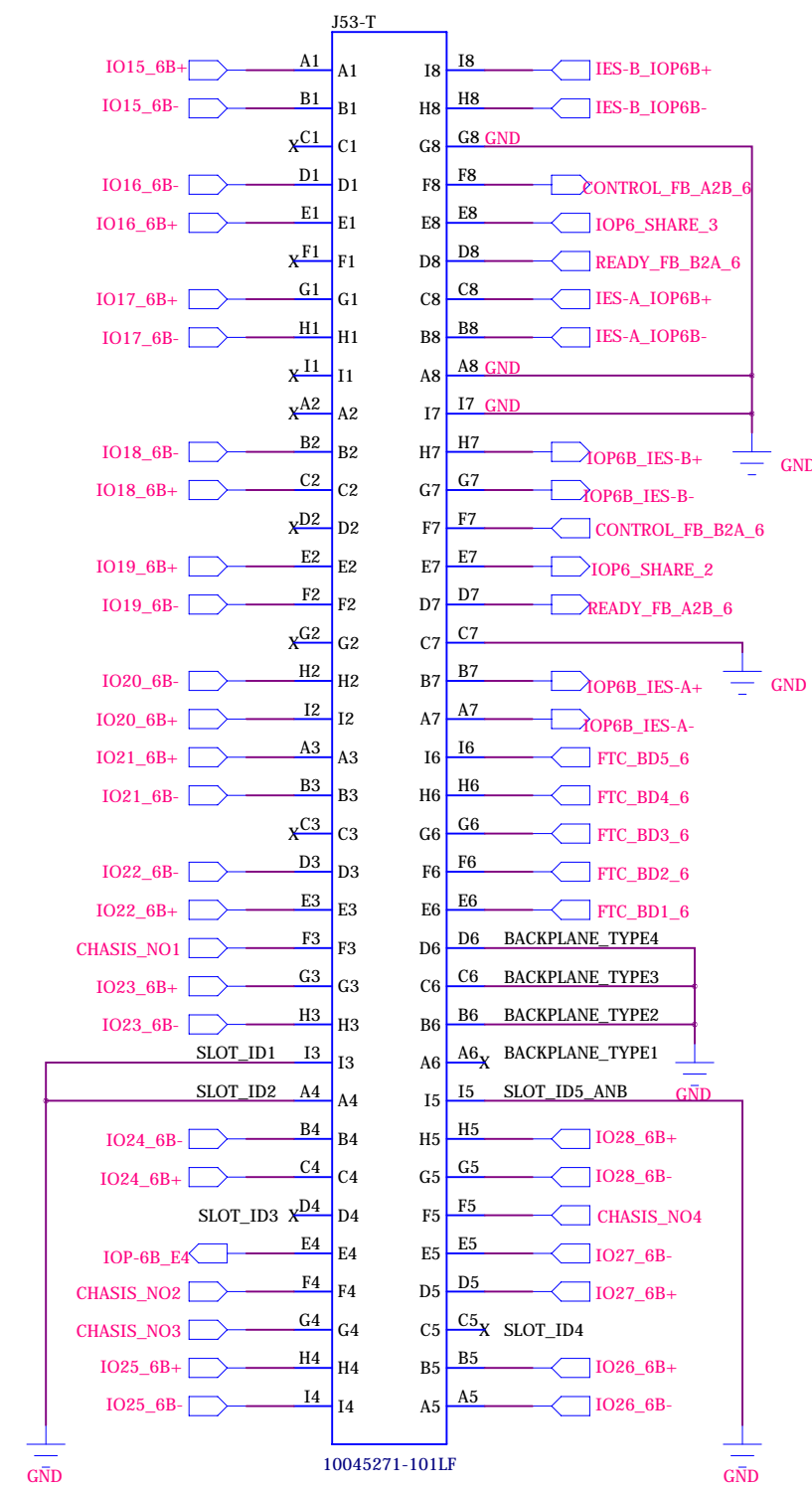
APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012		IOP_5A			
ENGINEER Ravi V M				SIZE C	DWG. NO. 18-600100-001	SHEET 15 of 24	PROD REV.
				FILE 18-600100-001_revA.sch	SCALE 1:1	Rev A	



APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012		IOP_5B			
ENGINEER Ravi V M				SIZE C	DWG. NO. 18-600100-001	SHEET 16 of 24	PROD REV.
				FILE	18-600100-001_revA.sch	SCALE 1:1	Rev A



APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012		IOP_6A			
ENGINEER Ravi V M				SIZE C	DWG. NO. 18-600100-001	SHEET 17 of 24	PROD REV.
				FILE	18-600100-001_revA.sch	SCALE 1:1	Rev A



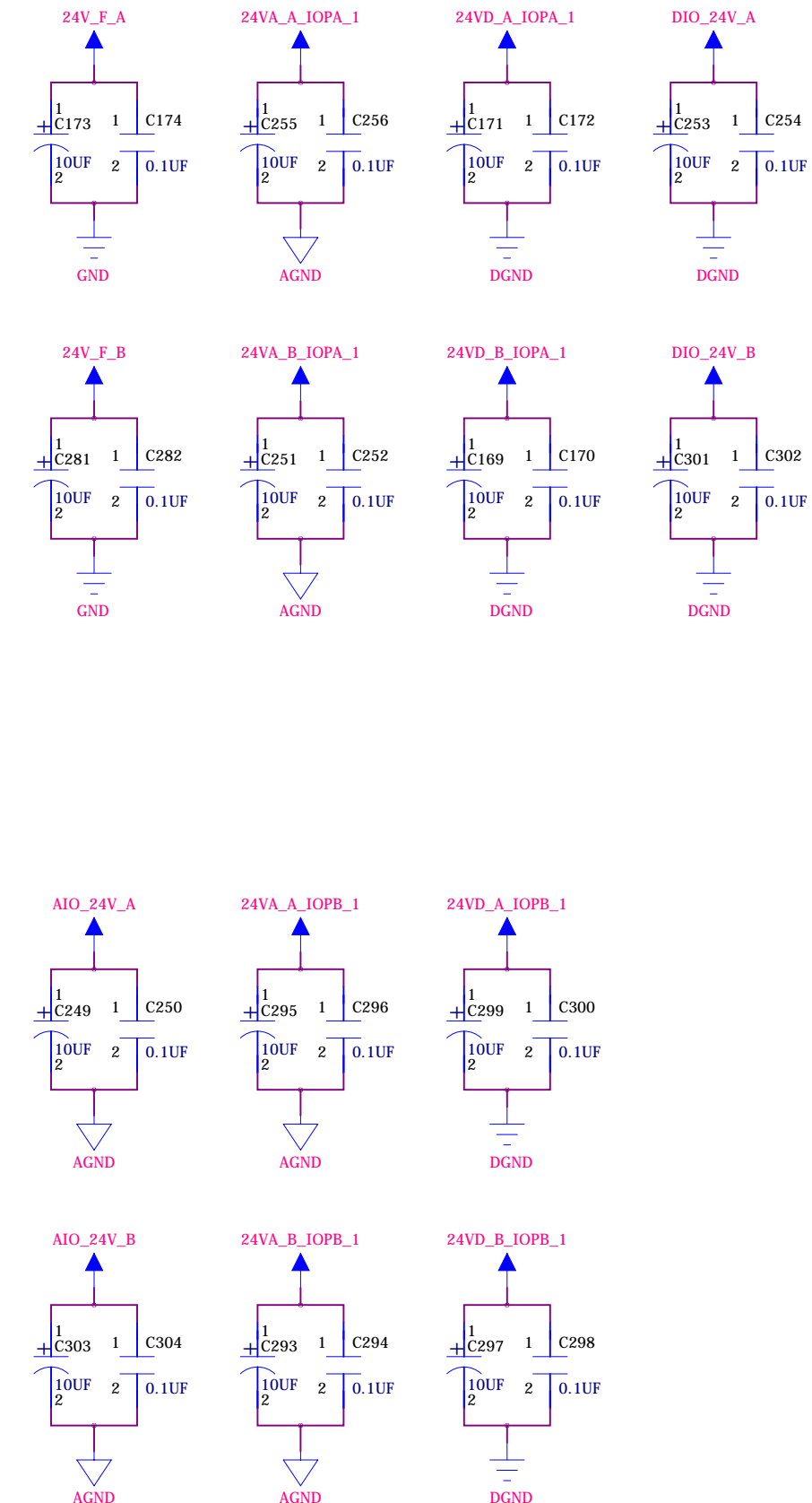
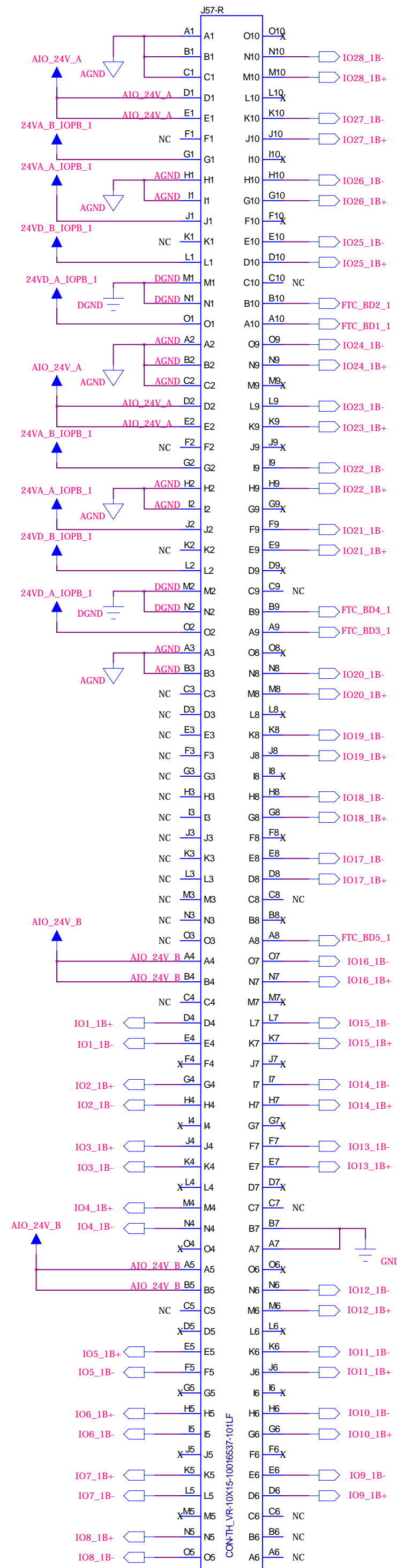
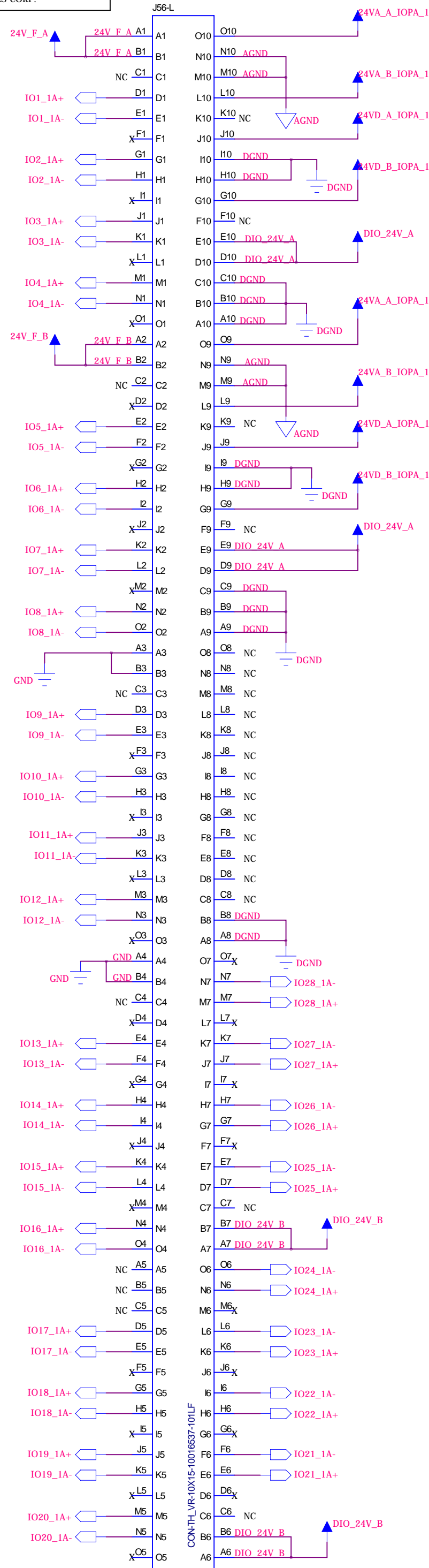
APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012		IOP_6B			
ENGINEER Ravi V M		SIZE C	DWG. NO. 18-600100-001		SHEET 18 of 24		PROD REV. Rev A
			FILE 18-600100-001_revA.sch		SCALE 1:1		

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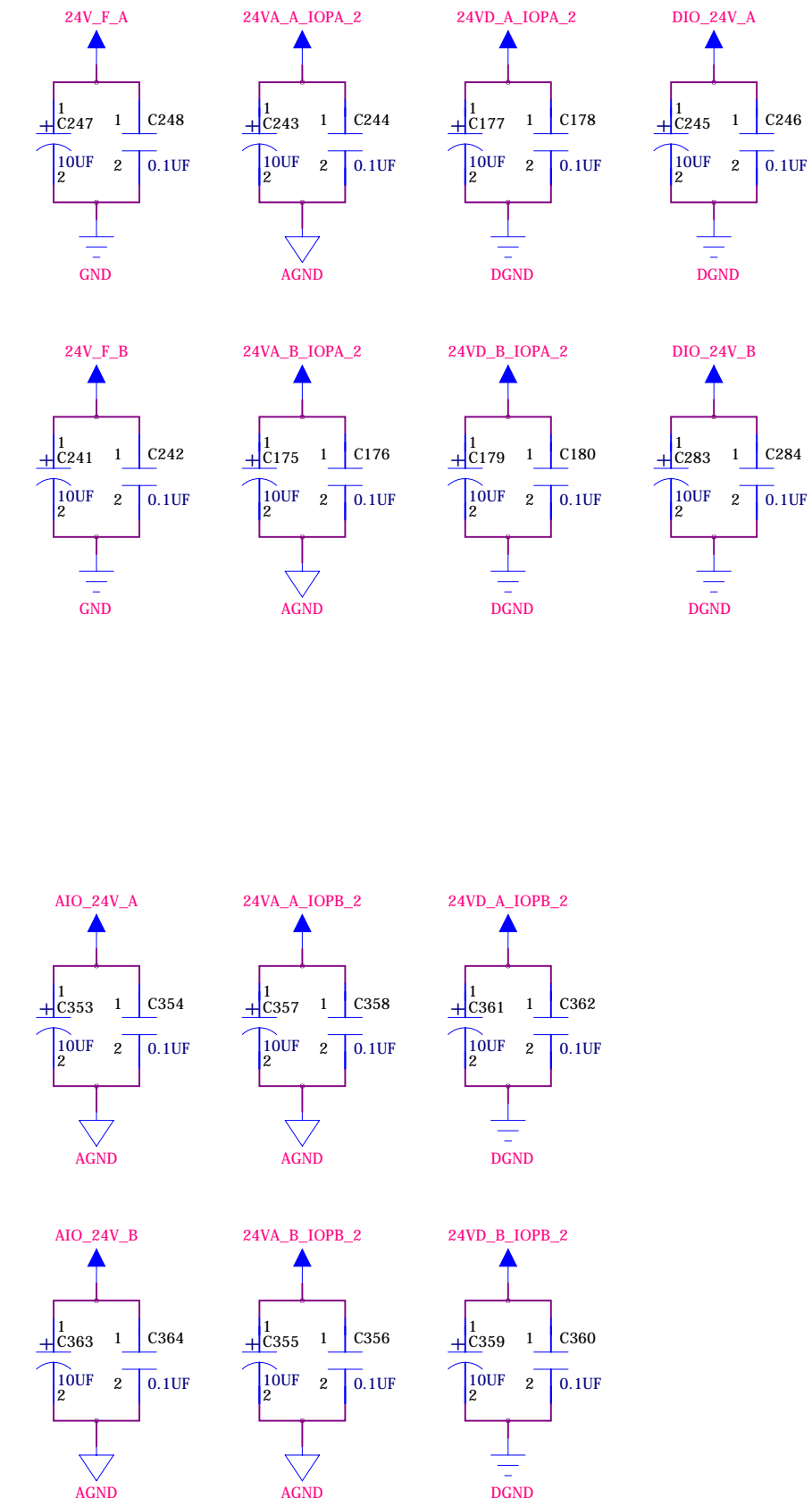
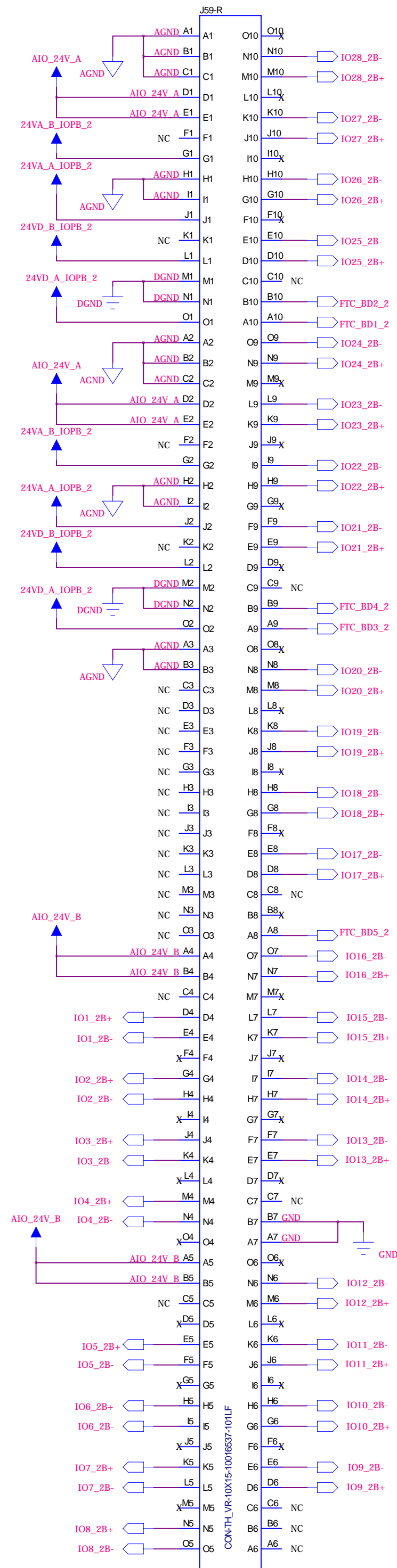
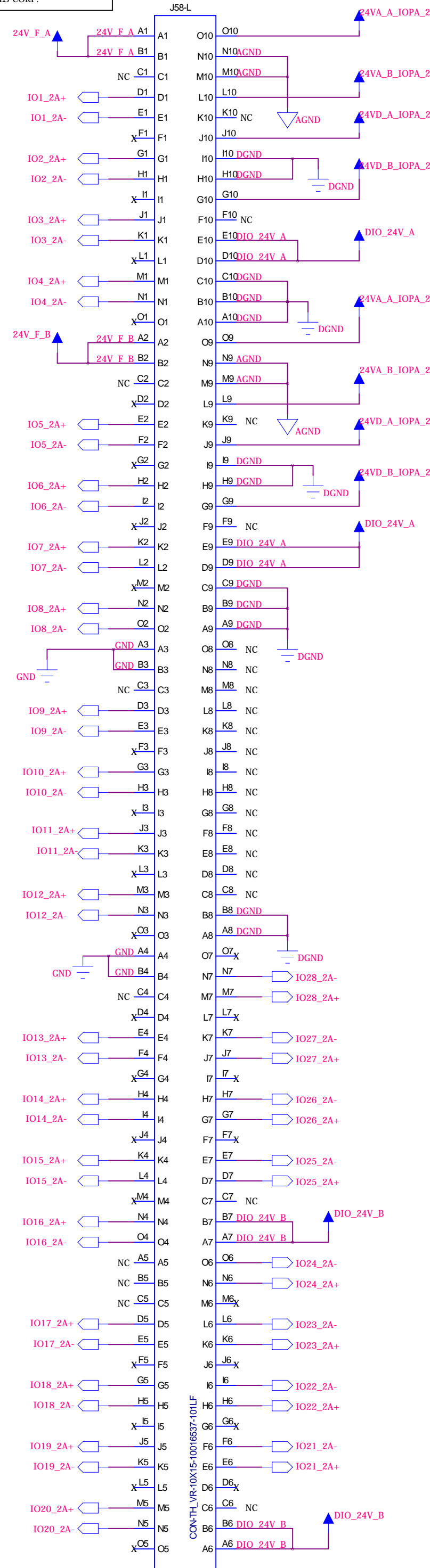
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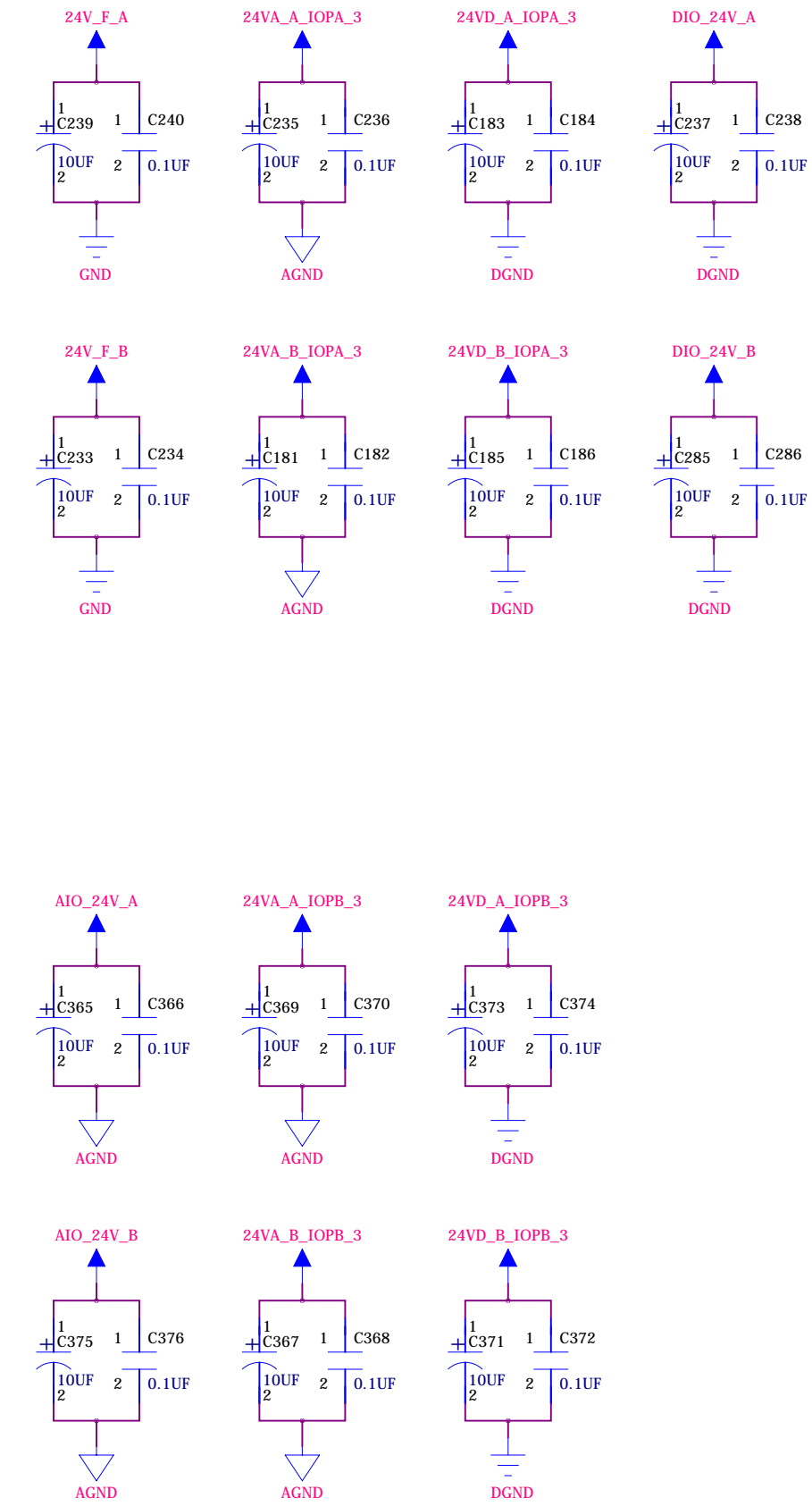
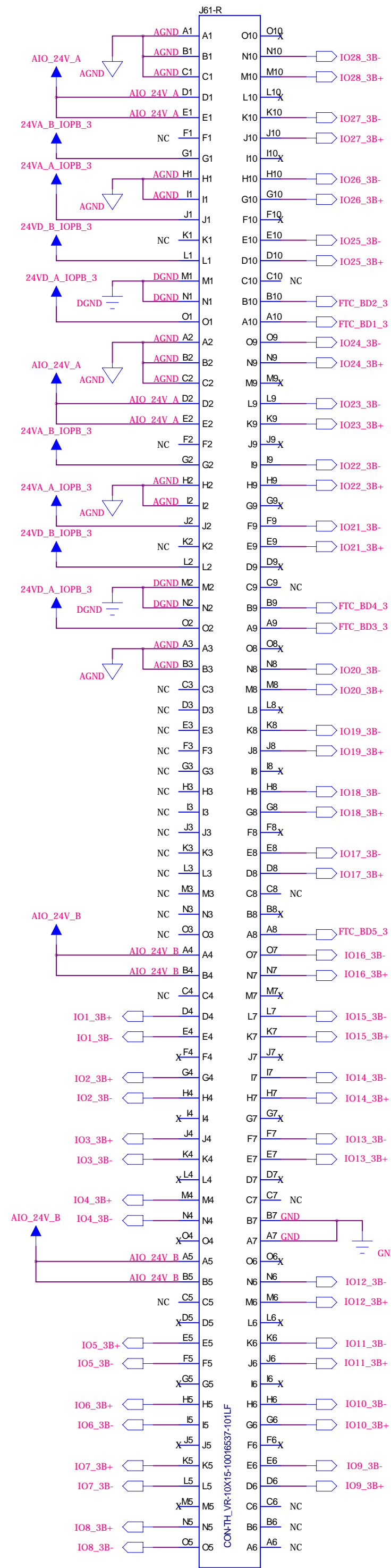
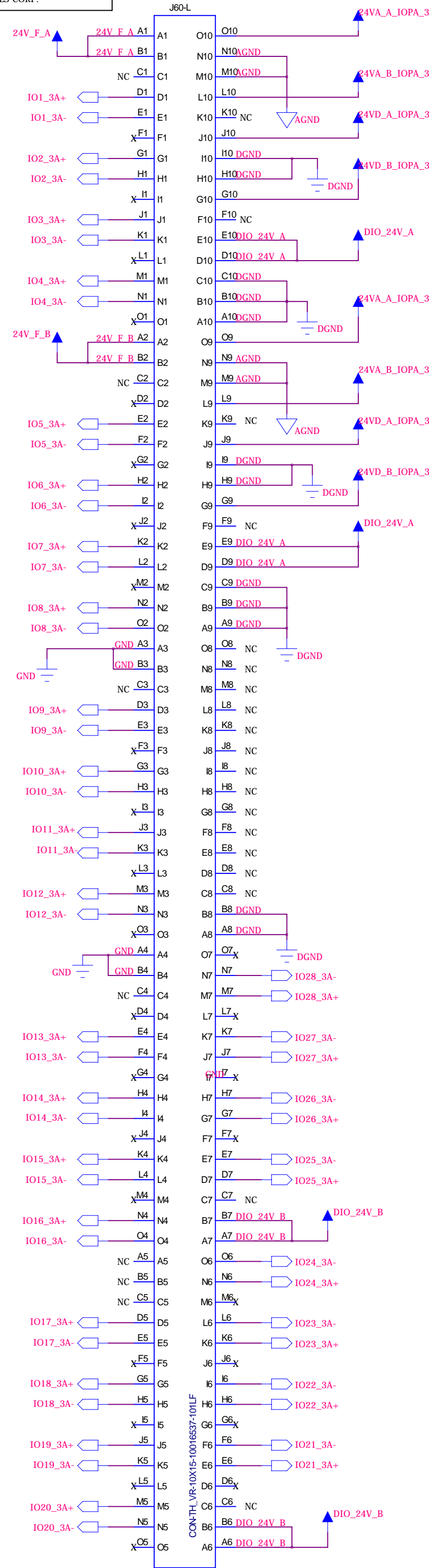
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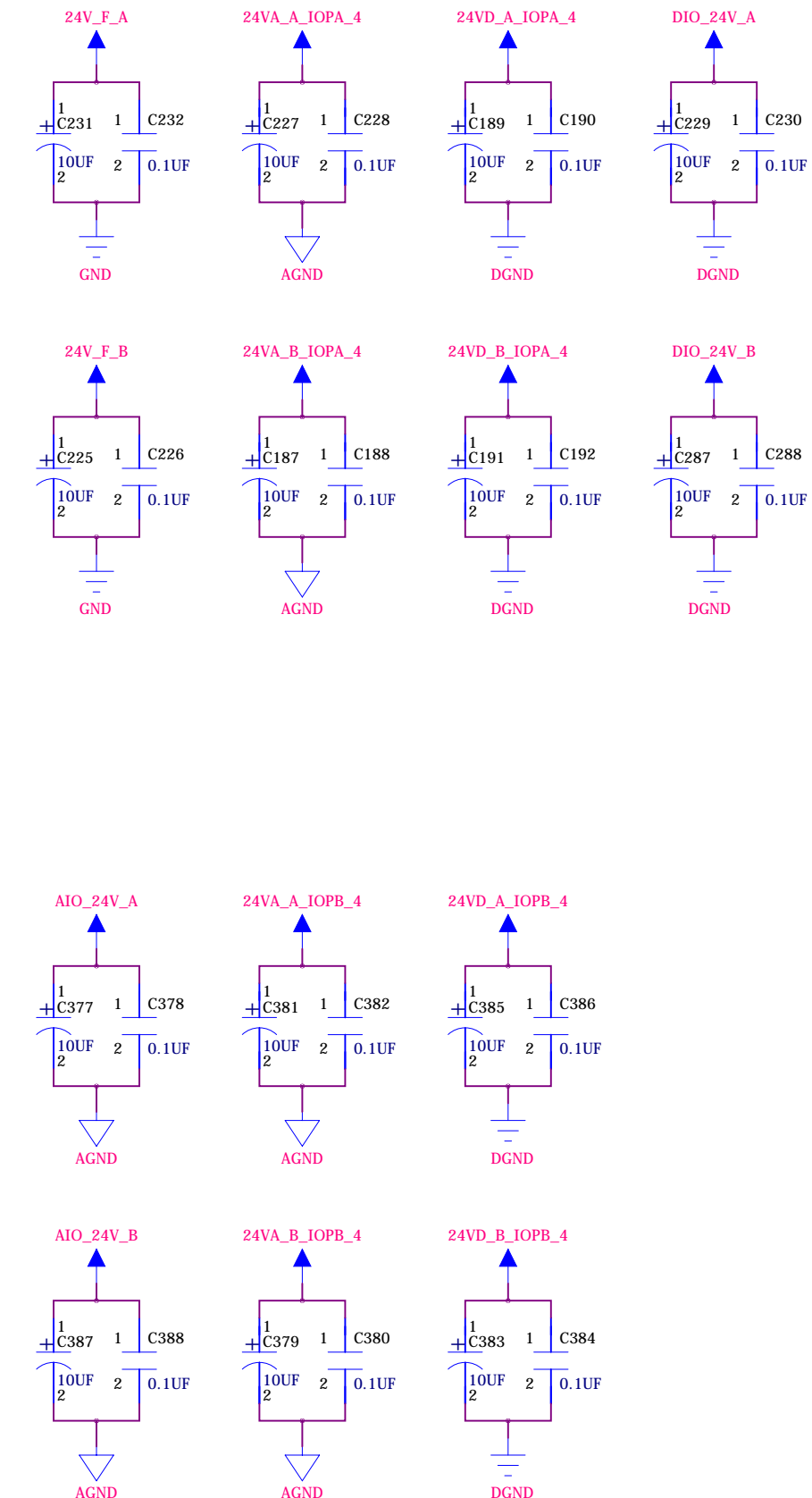
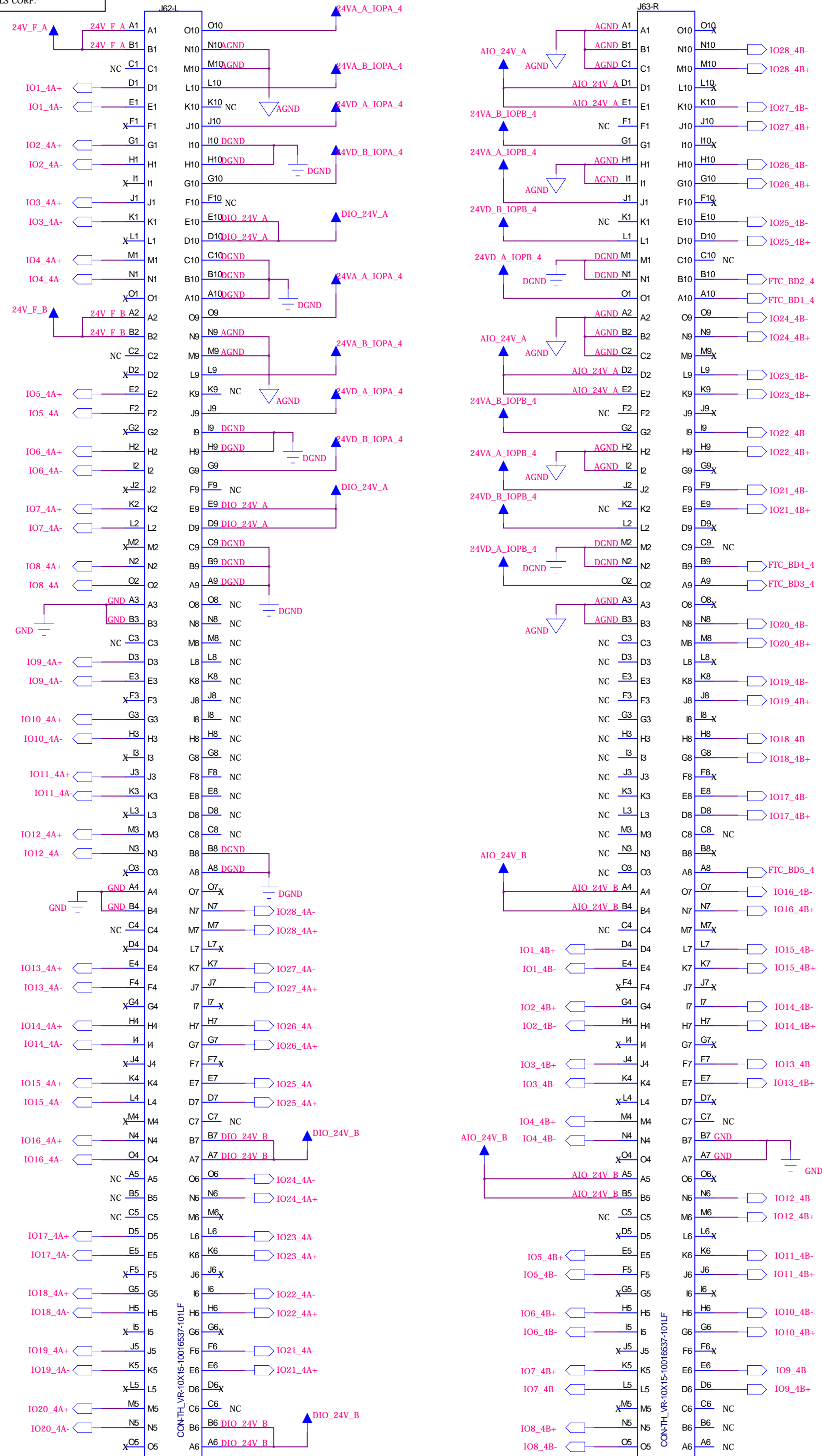
APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012	4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012	FTC_1			
ENGINEER Ravi V M			SIZE C	DWG. NO. 18-600100-001	SHEET 19 of 24	PROD REV. Rev A
			FILE 18-600100-001_revA.sch	SCALE 1:1		



APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012		FTC_2			
ENGINEER Ravi V M		C	DWG. NO. 18-600100-001	SHEET 20 of 24		PROD REV.	
			FILE 18-600100-001_revA.sch	SCALE 1:1		Rev A	



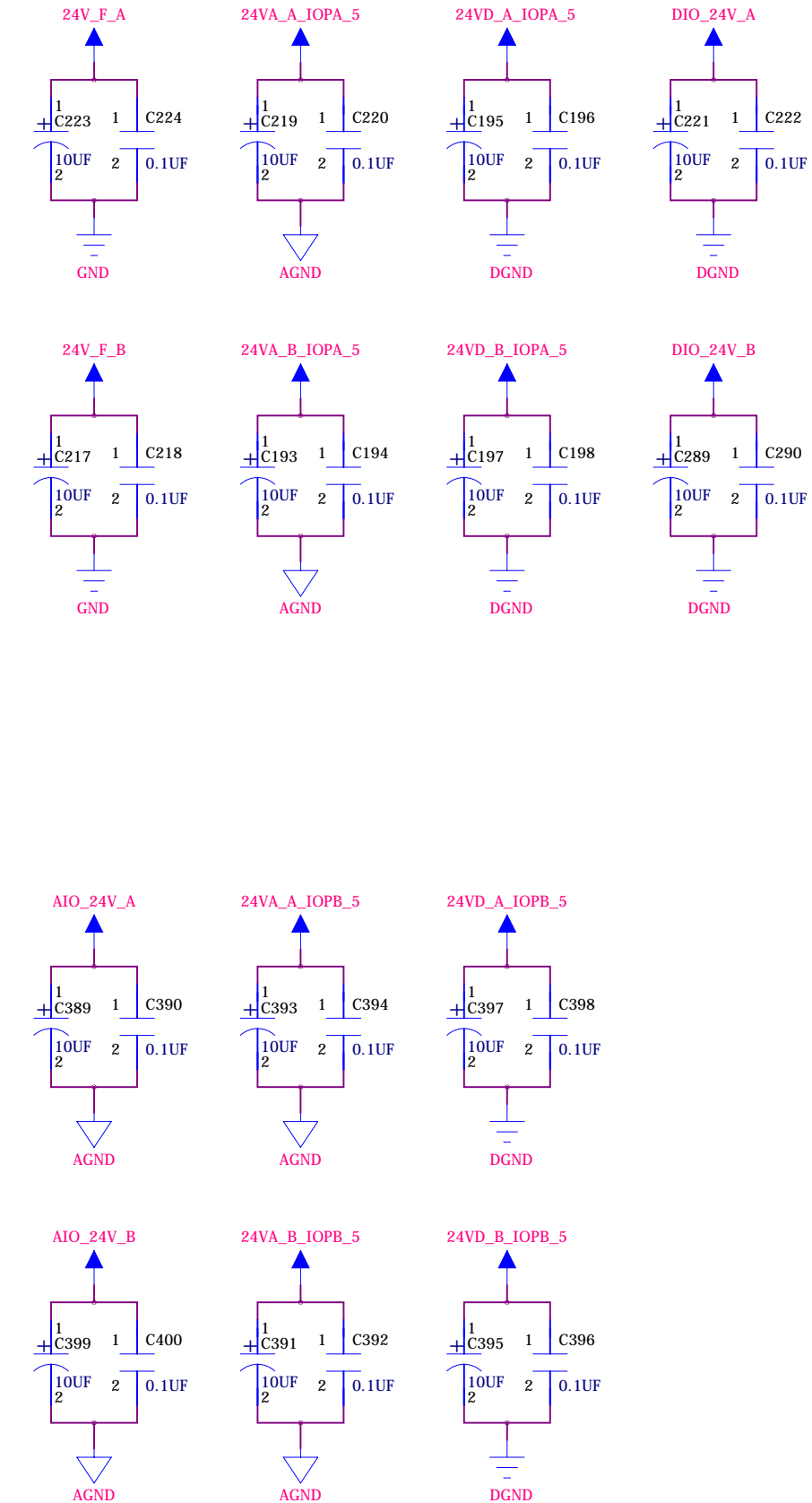
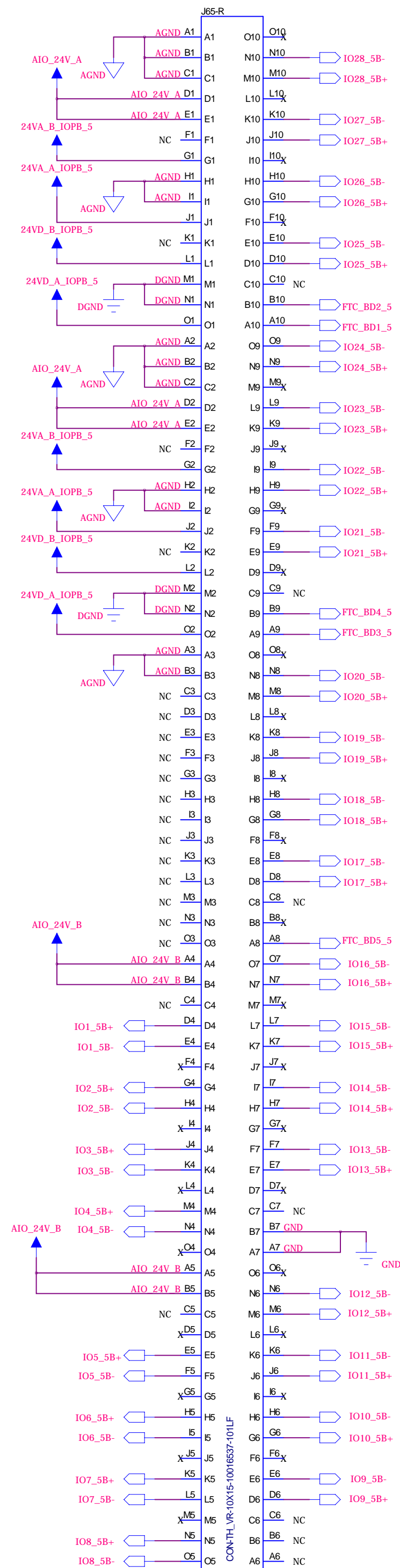
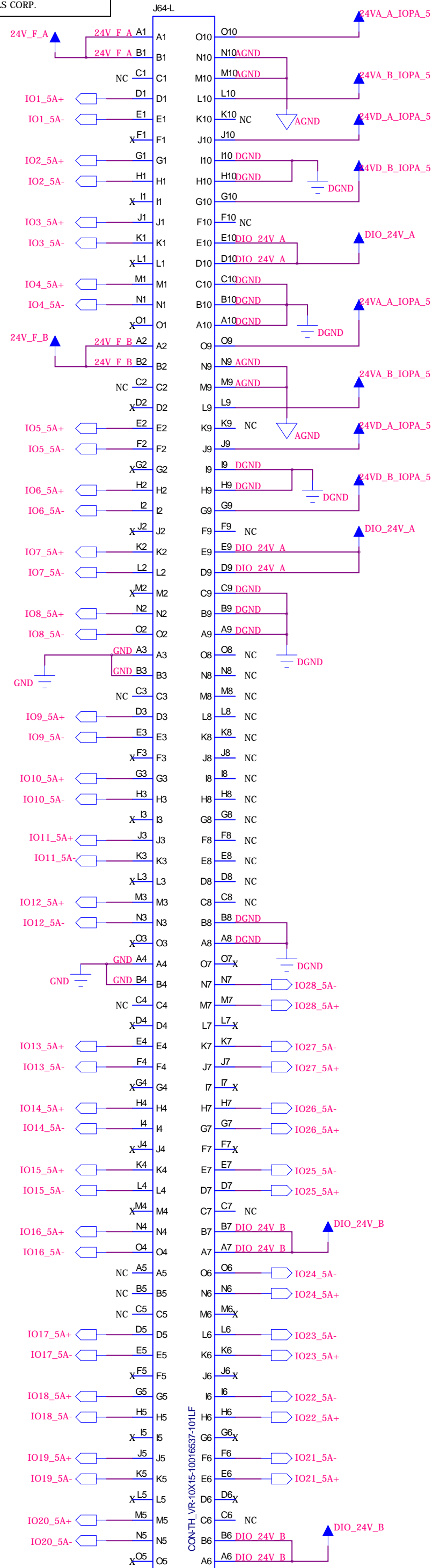
APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012		FTC_3			
ENGINEER Ravi V M		SIZE C	DWG. NO. 18-600100-001	SHEET 21 of 24		PROD REV.	
			FILE 18-600100-001_revA.sch	SCALE 1:1		Rev A	



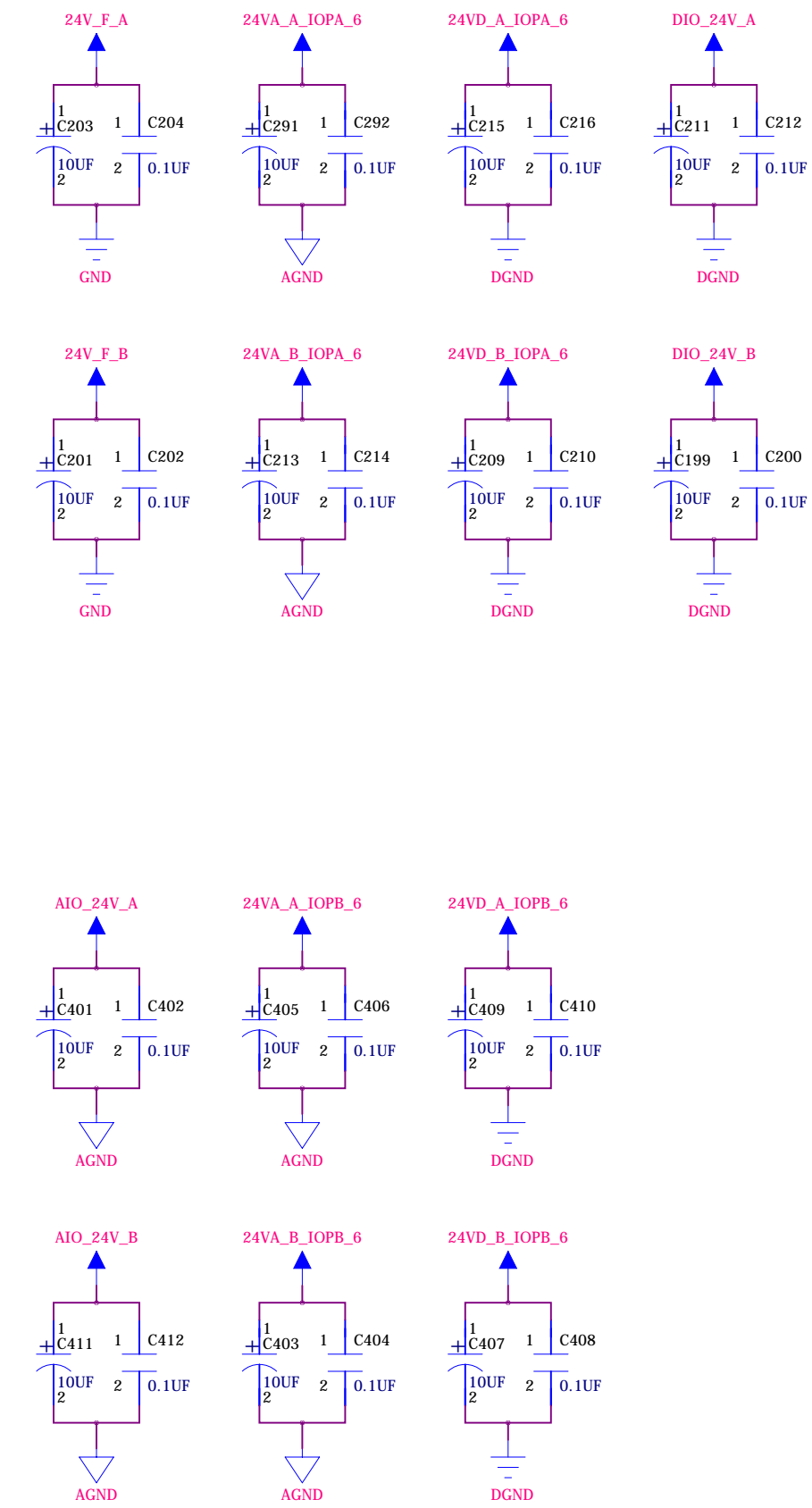
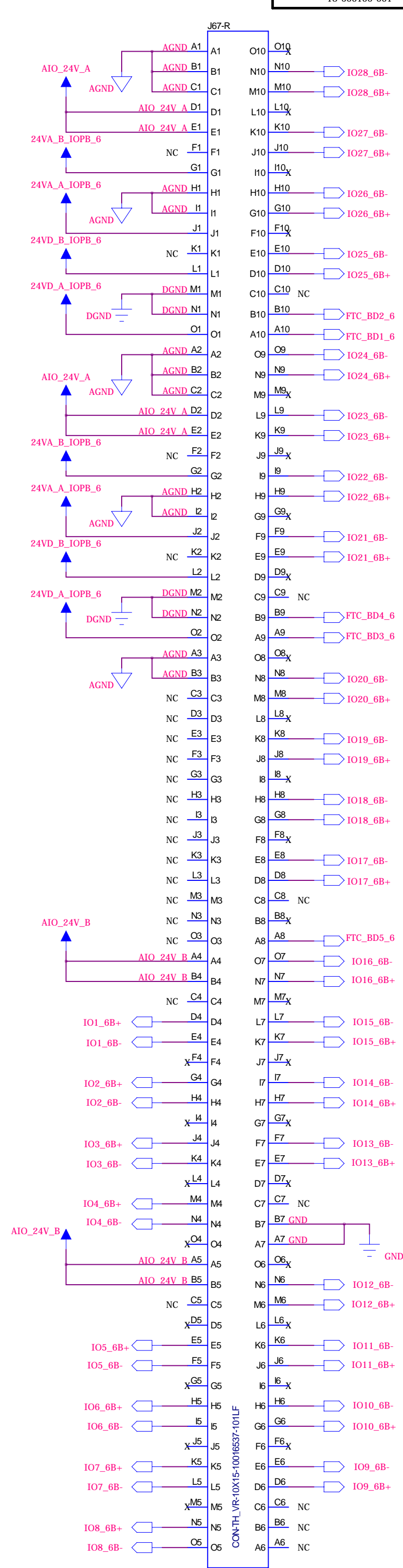
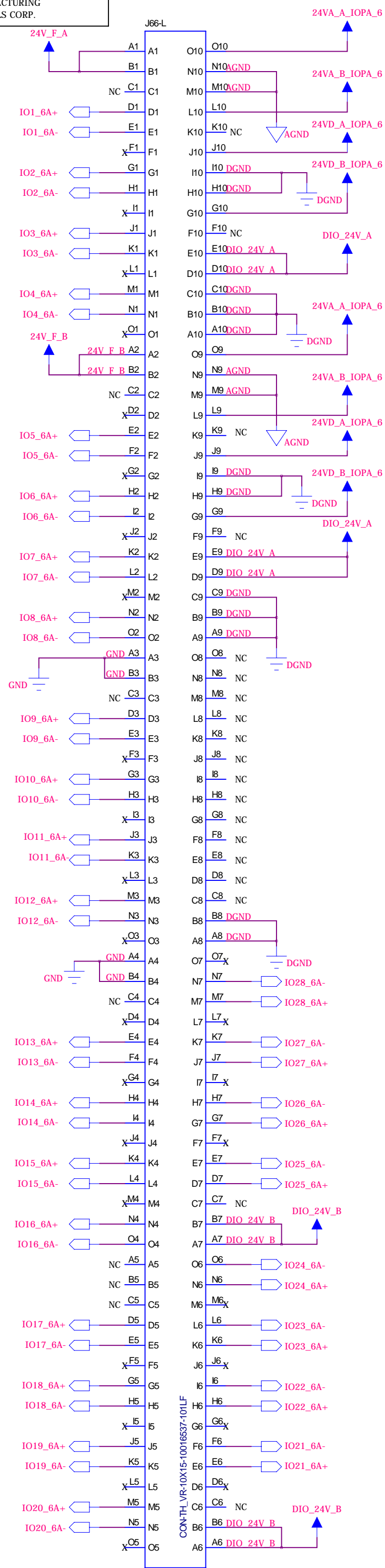
APPROVALS	DATE	COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M	14-DEC-2012	4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy	14-DEC-2012	FTC_4			
ENGINEER Ravi V M		SIZE C	DWG. NO. 18-600100-001	SHEET 22 of 24	PROD REV.
			FILE 18-600100-001_revA.sch	SCALE 1:1	Rev A

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APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012	4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012	FTC_5			
ENGINEER Ravi V M			SIZE C	DWG. NO. 18-600100-001	SHEET 23 of 24	PROD REV. Rev A
				FILE 18-600100-001_revA.sch	SCALE 1:1	



APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION			
DRAWN Ravi V M		14-DEC-2012		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Manju Reddy		14-DEC-2012		FTC_6			
ENGINEER Ravi V M				SIZE C	DWG. NO. 18-600100-001	SHEET 24 of 24	PROD REV.
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