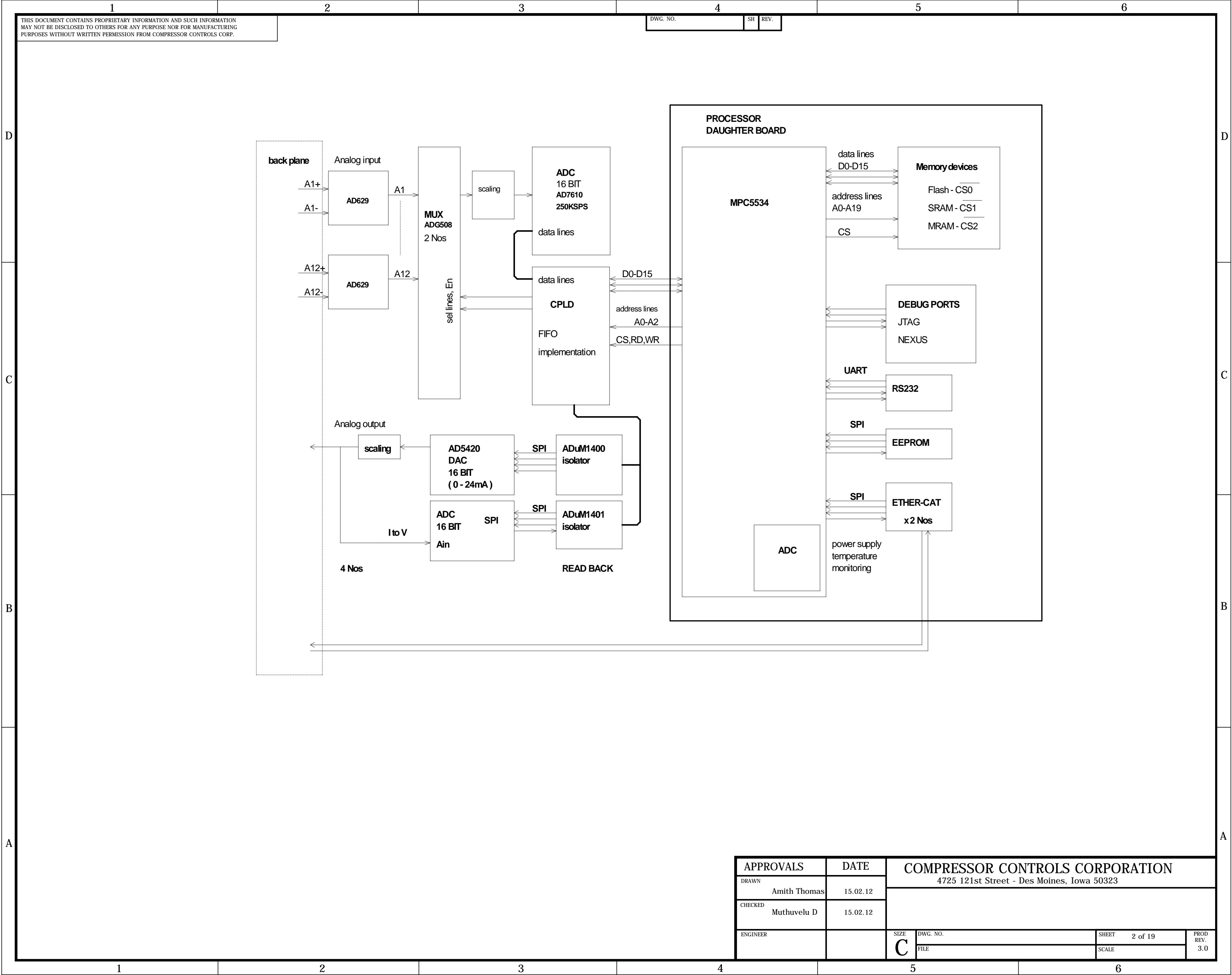
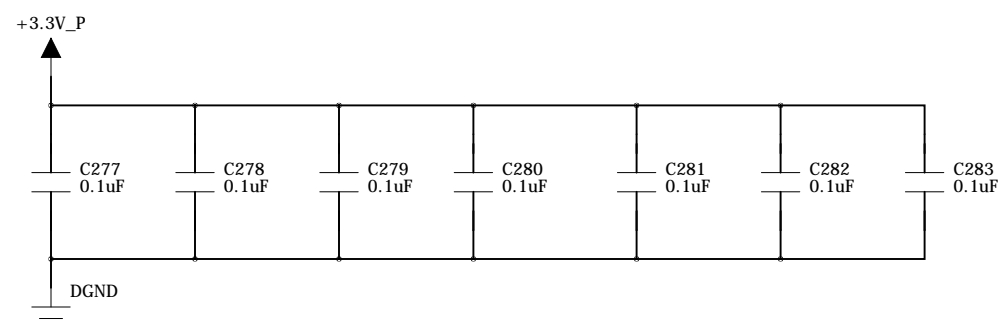
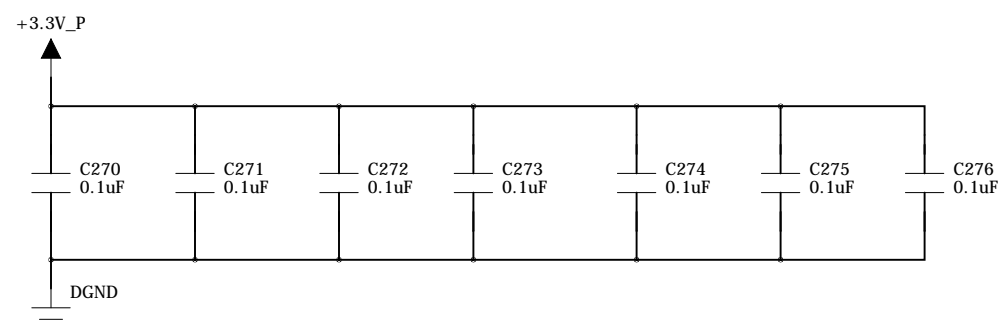
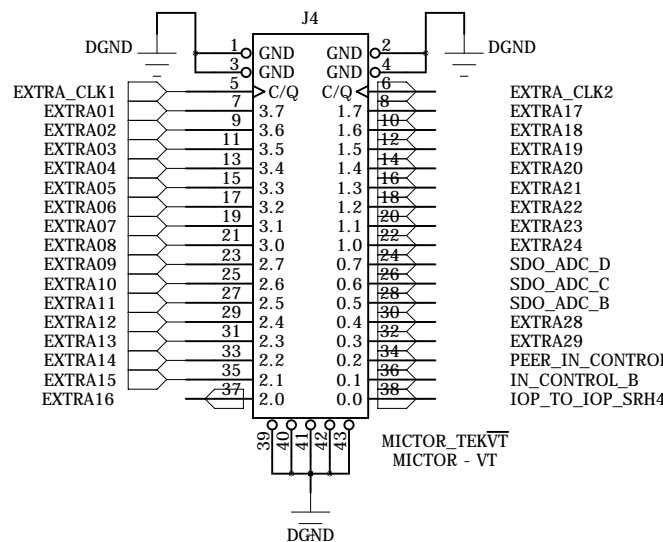
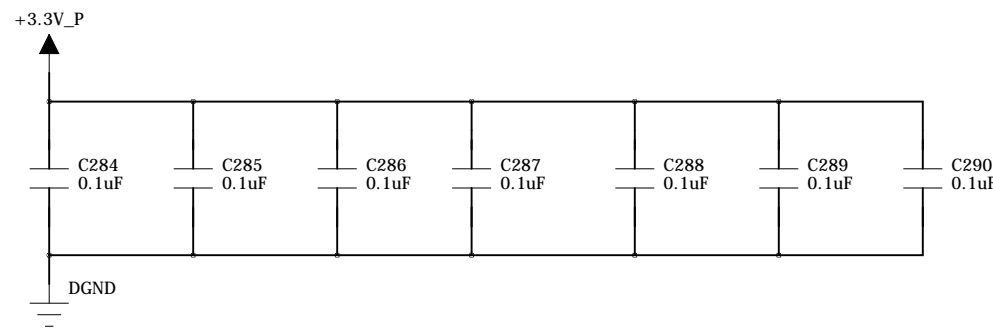


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<div>NEXT GENERATION PLATFORM</div> <div>IOP_AM1 ANALOG BOARD R3P0</div>																																															
REVISION HISTORY																																															
REV	DATE	AUTHOR	DESCRIPTION/MODIFICATIONS																																												
1.0	29.07.11	Amith Thomas	Preliminary release																																												
1.1	11.10.11	Muthuvelu.D																																													
3.0	23.02.12	Muthuvelu.D																																													
<table><tr><td colspan="2">APPROVALS</td><td>DATE</td><td colspan="3">COMPRESSOR CONTROLS CORPORATION</td></tr><tr><td colspan="2">DRAWN</td><td>15.02.12</td><td colspan="3">4725 121st Street - Des Moines, Iowa 50323</td></tr><tr><td colspan="2">CHECKED</td><td>15.02.12</td><td colspan="3"></td></tr><tr><td colspan="2">ENGINEER</td><td></td><td>SIZE</td><td>DWG. NO.</td><td>SHEET</td></tr><tr><td colspan="2"></td><td></td><td>C</td><td>FILE</td><td>1 of 19</td></tr><tr><td colspan="2"></td><td></td><td></td><td></td><td>PROD REV.</td></tr><tr><td colspan="2"></td><td></td><td></td><td>SCALE</td><td>3.0</td></tr></table>						APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION			DRAWN		15.02.12	4725 121st Street - Des Moines, Iowa 50323			CHECKED		15.02.12				ENGINEER			SIZE	DWG. NO.	SHEET				C	FILE	1 of 19						PROD REV.					SCALE	3.0
APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION																																												
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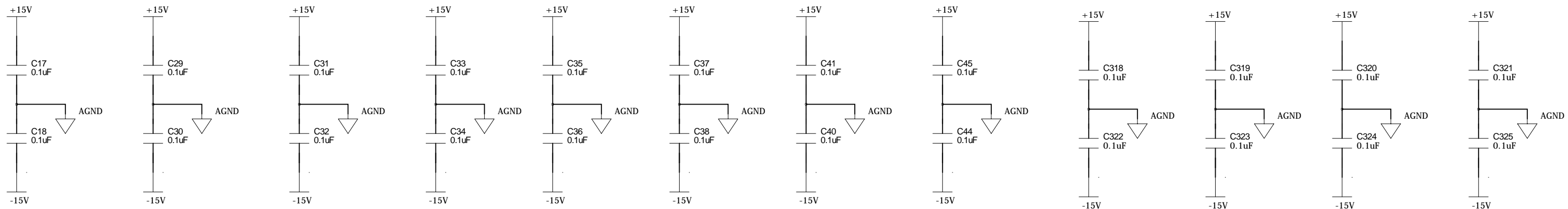
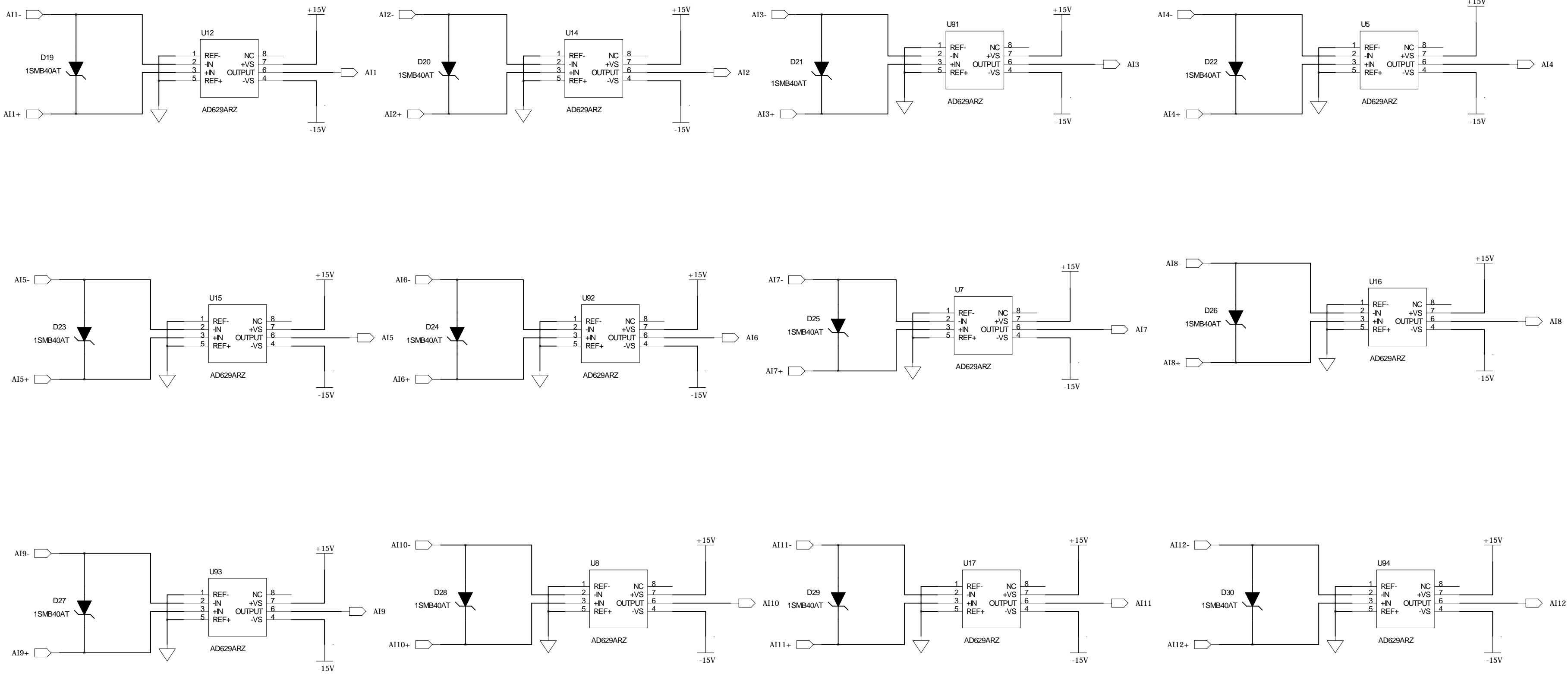


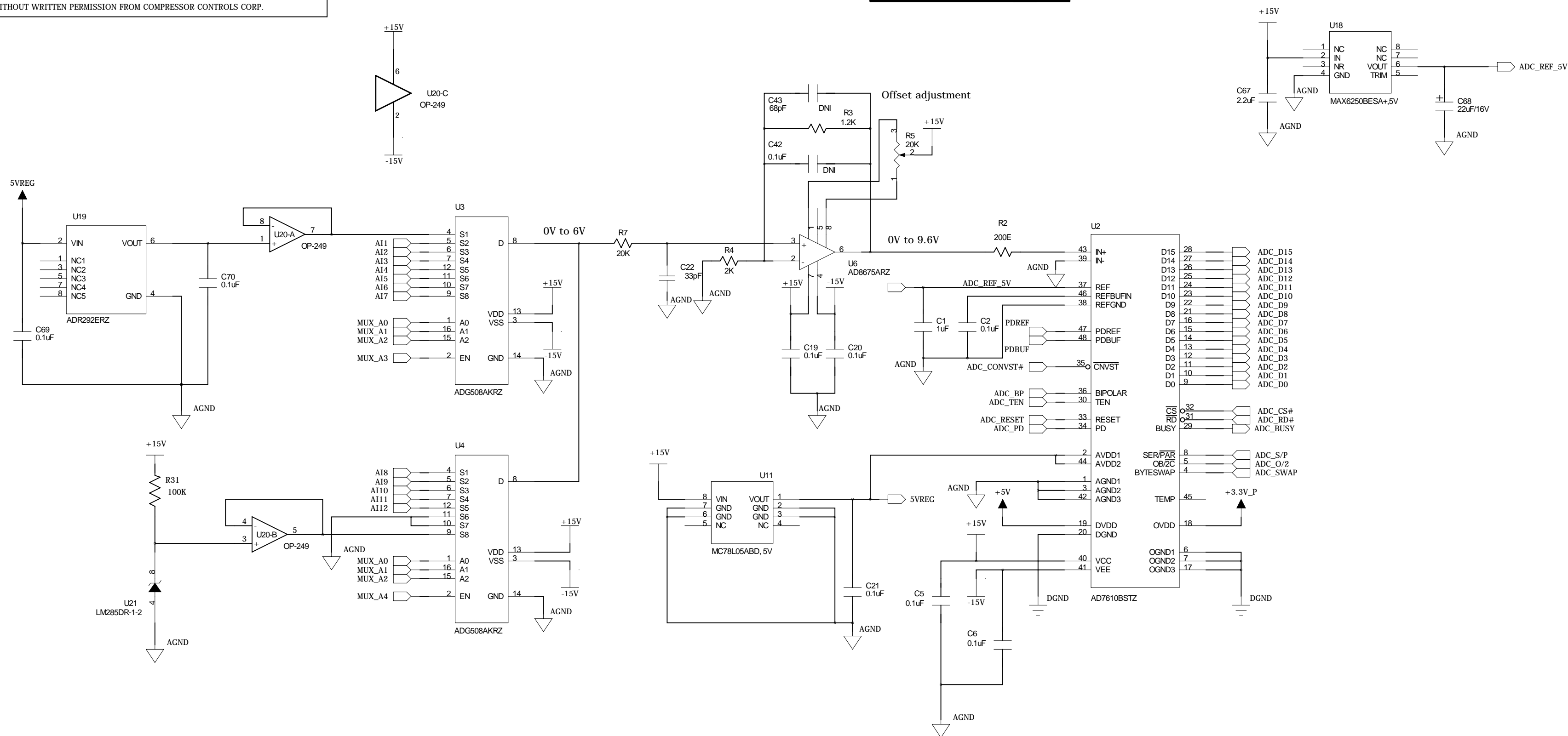
APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION 4725 121st Street - Des Moines, Iowa 50323			
DRAWN Amith Thomas		15.02.12					
CHECKED Muthuvelu D		15.02.12					
ENGINEER				SIZE C	DWG. NO.	SHEET 3 of 19	PROD REV. 3.0
					FILE	SCALE	

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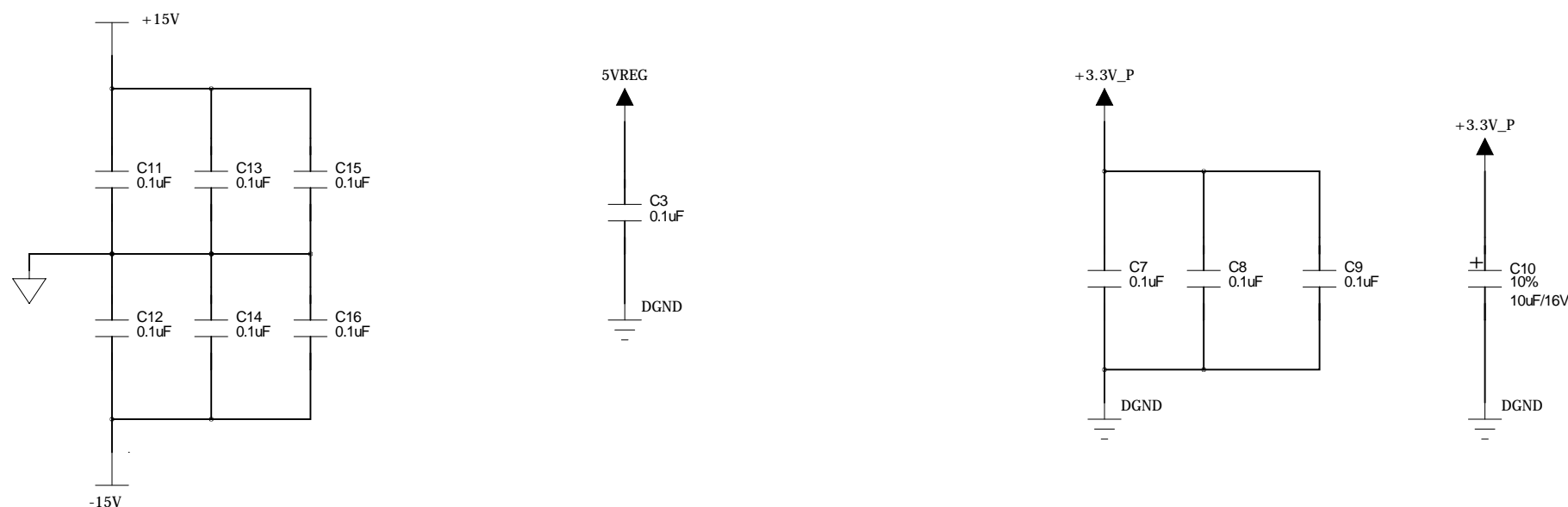
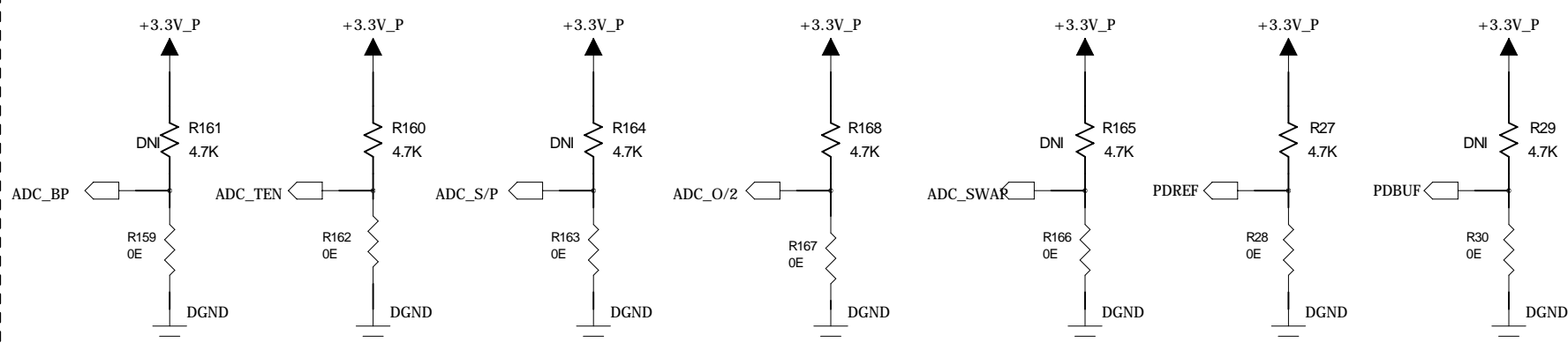
DWG. NO. SH REV.

ANALOG INPUTS (0 TO 24mA)





ADC CONFIGURATION



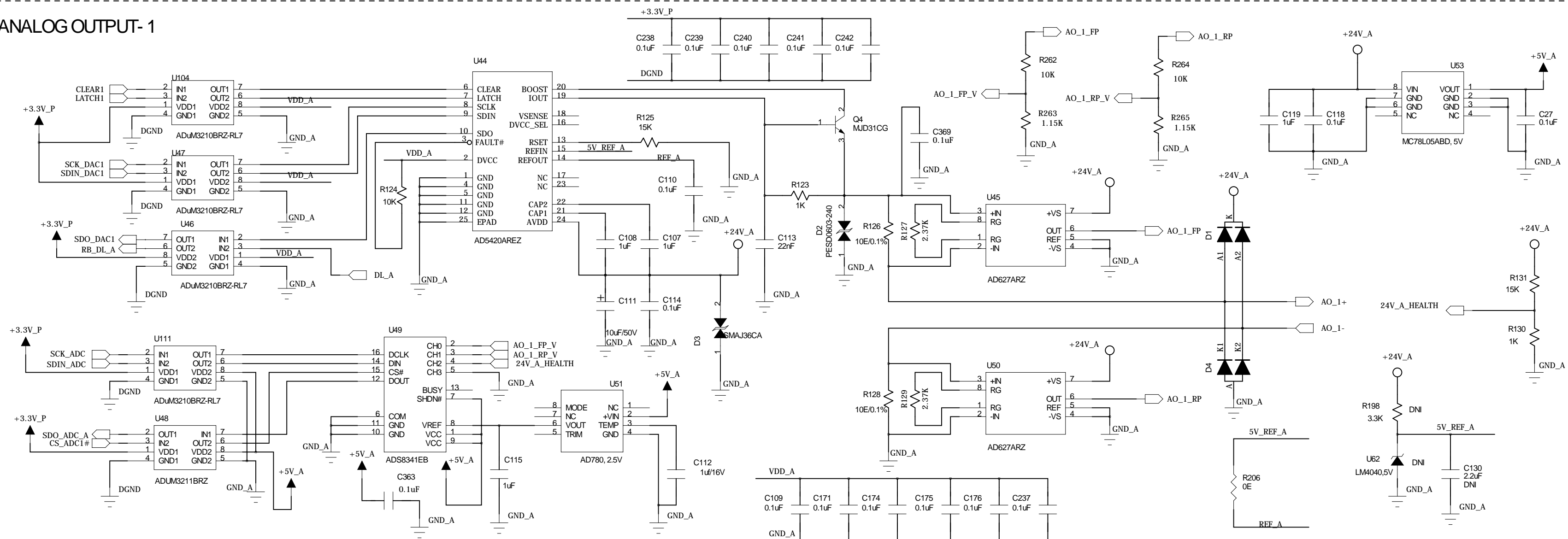
APPROVALS		DATE		COMPRESSOR CONTROLS CORPORATION			
DRAWN Amith Thomas		15.02.12		4725 121st Street - Des Moines, Iowa 50323			
CHECKED Muthuvelu D		15.02.12					
ENGINEER				SIZE C	DWG. NO. FILE	SHEET 5 of 19	PROD REV. 3.0

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DWG. NO.

SH REV.

ANALOG OUTPUT-1

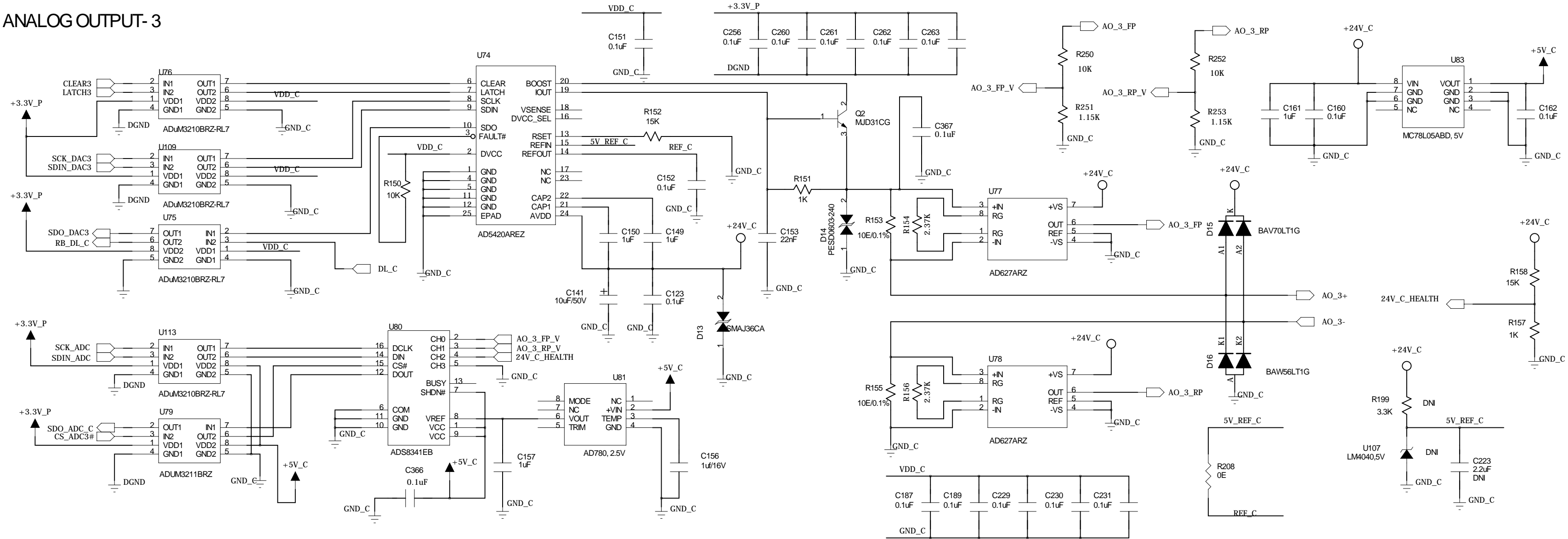


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DWG. NO.

SH REV.

ANALOG OUTPUT-3



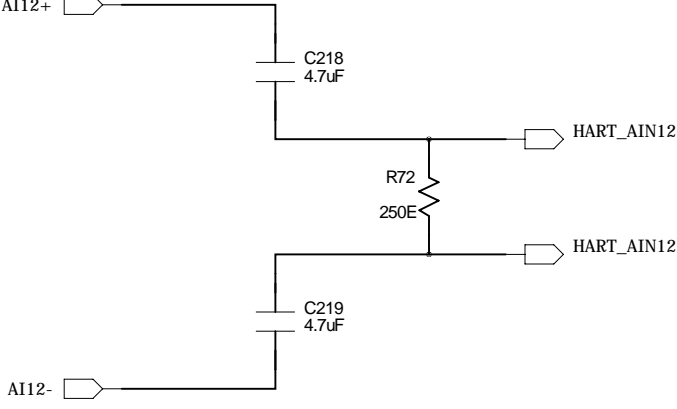
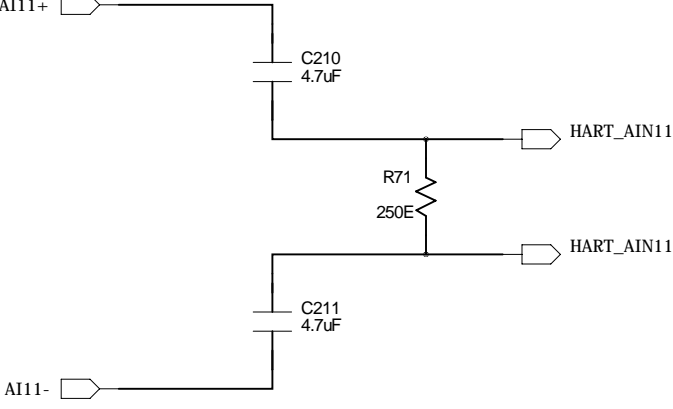
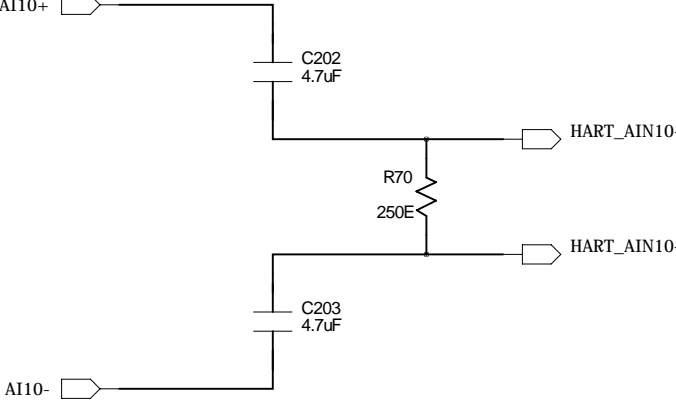
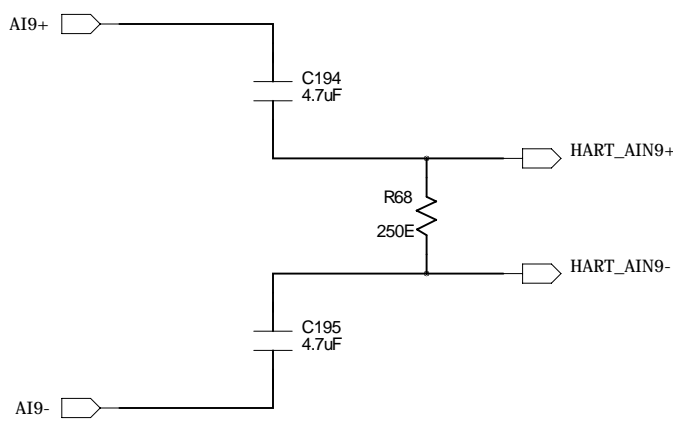
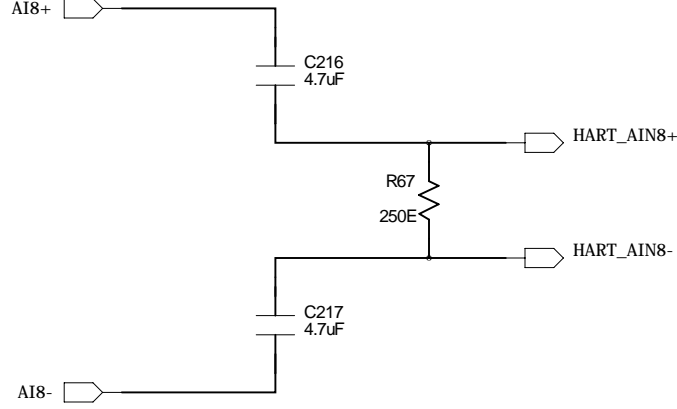
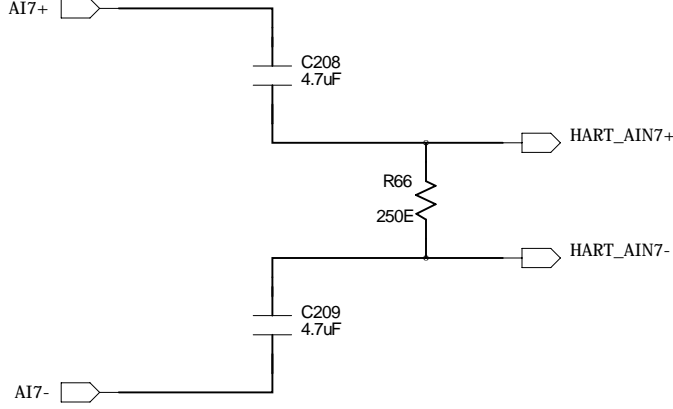
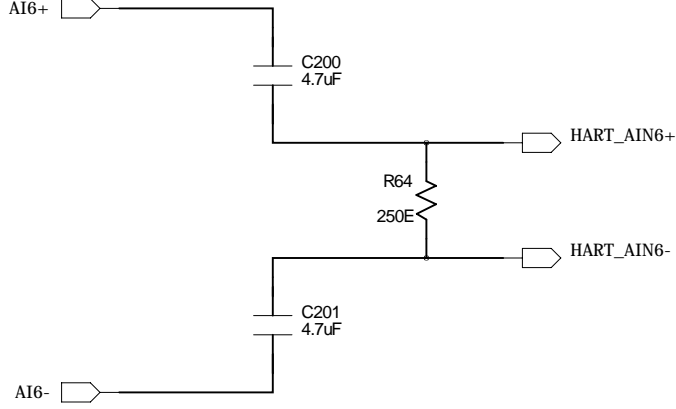
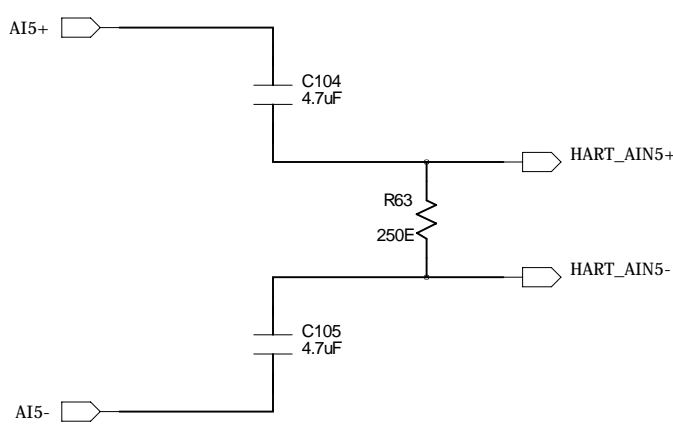
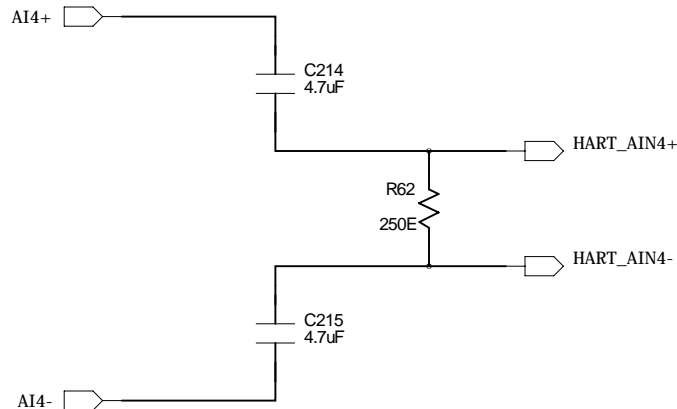
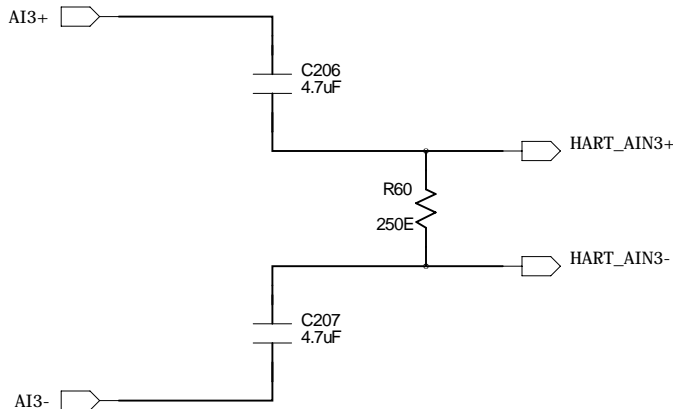
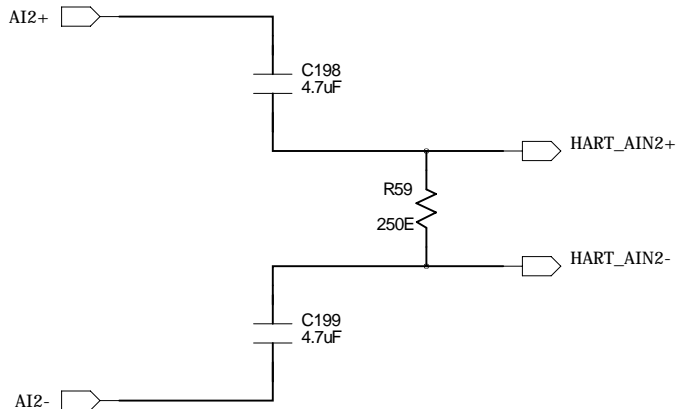
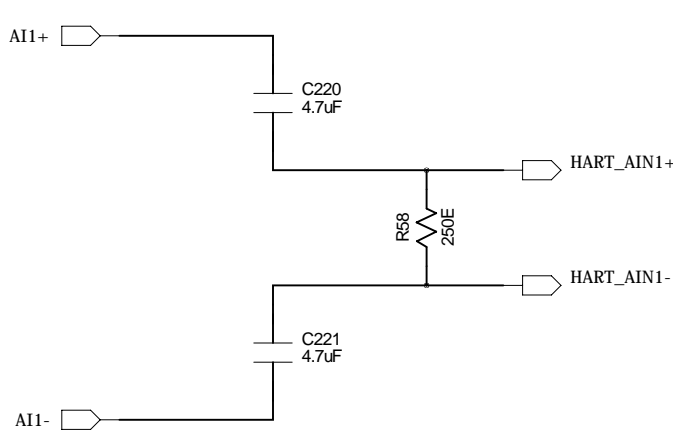
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DWG. NO.

SH

REV.

ANALOG INPUTS (0 TO 24mA)



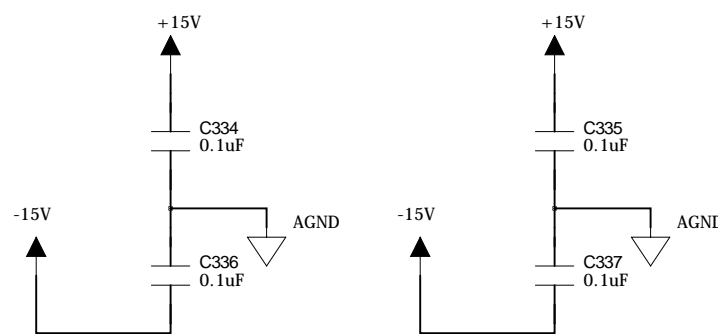
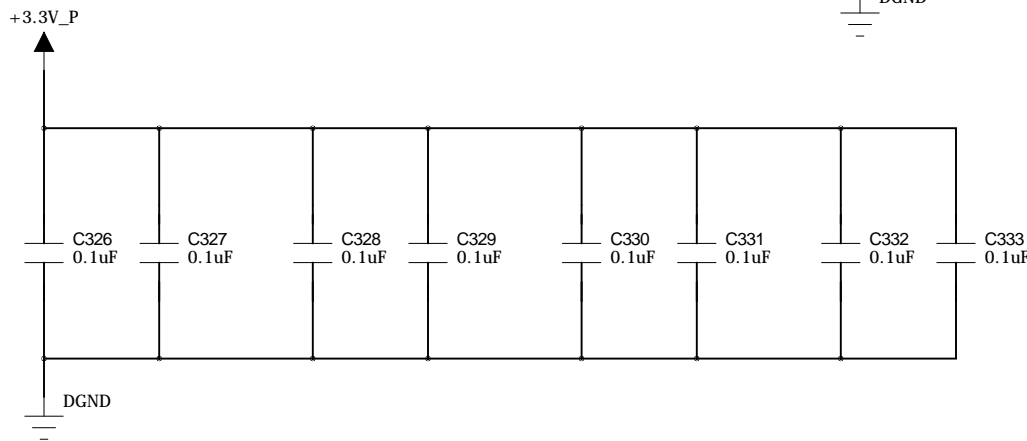
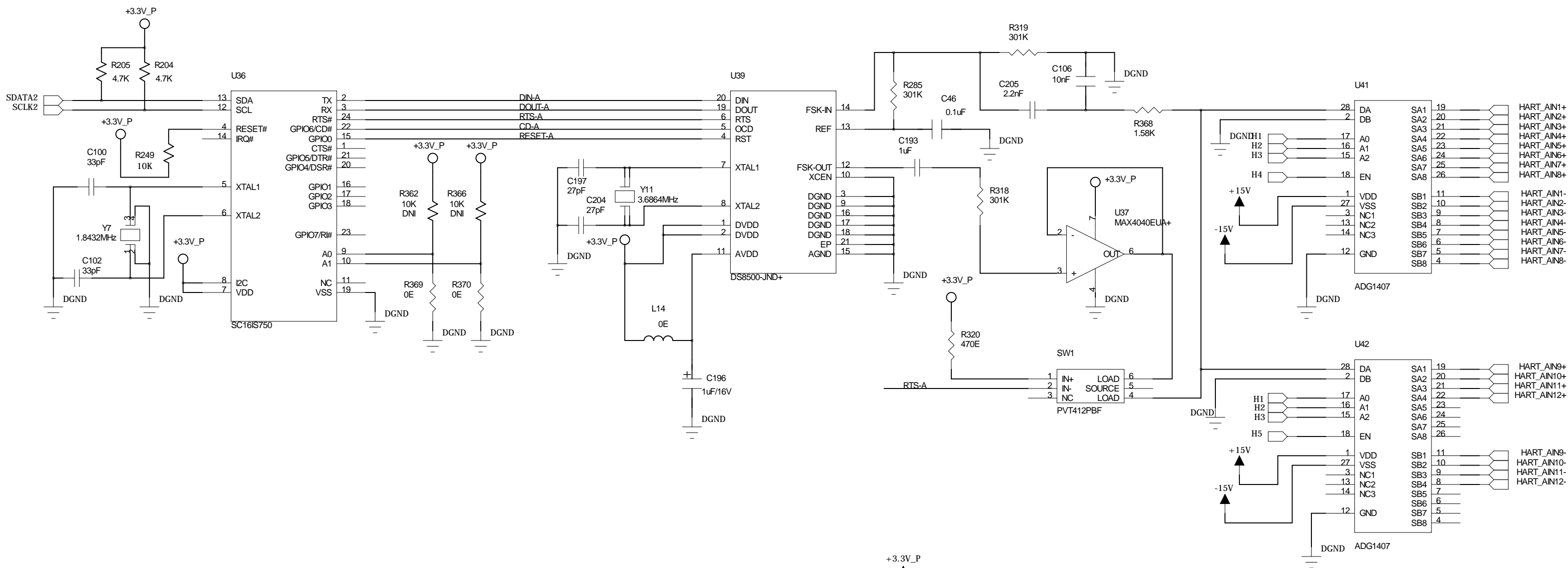
APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION			
DRAWN	Amith Thomas	15.02.12	4725 121st Street - Des Moines, Iowa 50323			
CHECKED	Muthuvelu D	15.02.12				
ENGINEER			SIZE C	DWG. NO. FILE	SHEET 8 of 19 SCALE	PROD REV. 3.0

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ENGINEER			SIZE	DWG. NO.	SHEET 9 of 19
			C	FILE	SCALE
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DWG. NO. SH REV.

D

C

B

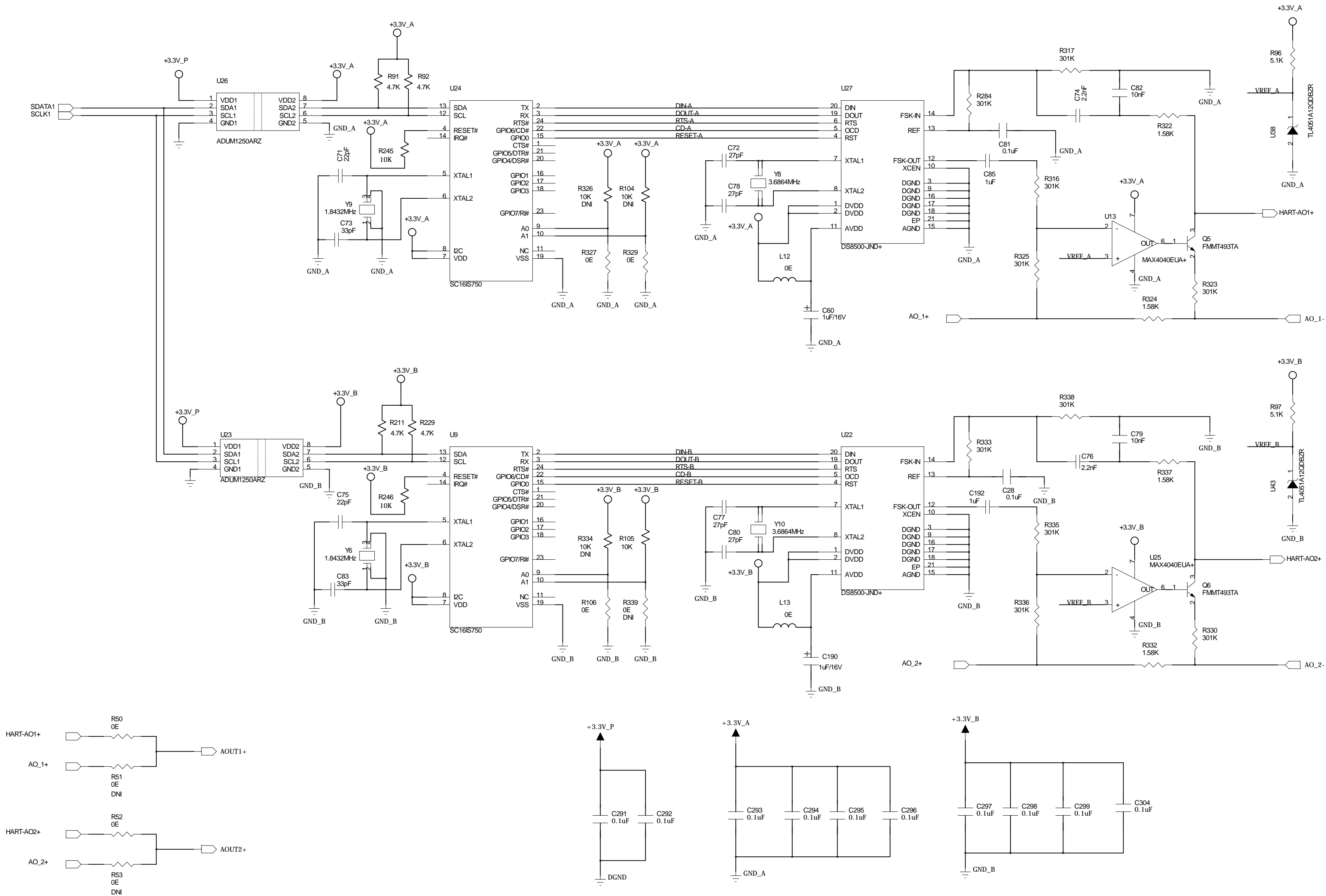
A

D

C

B

A



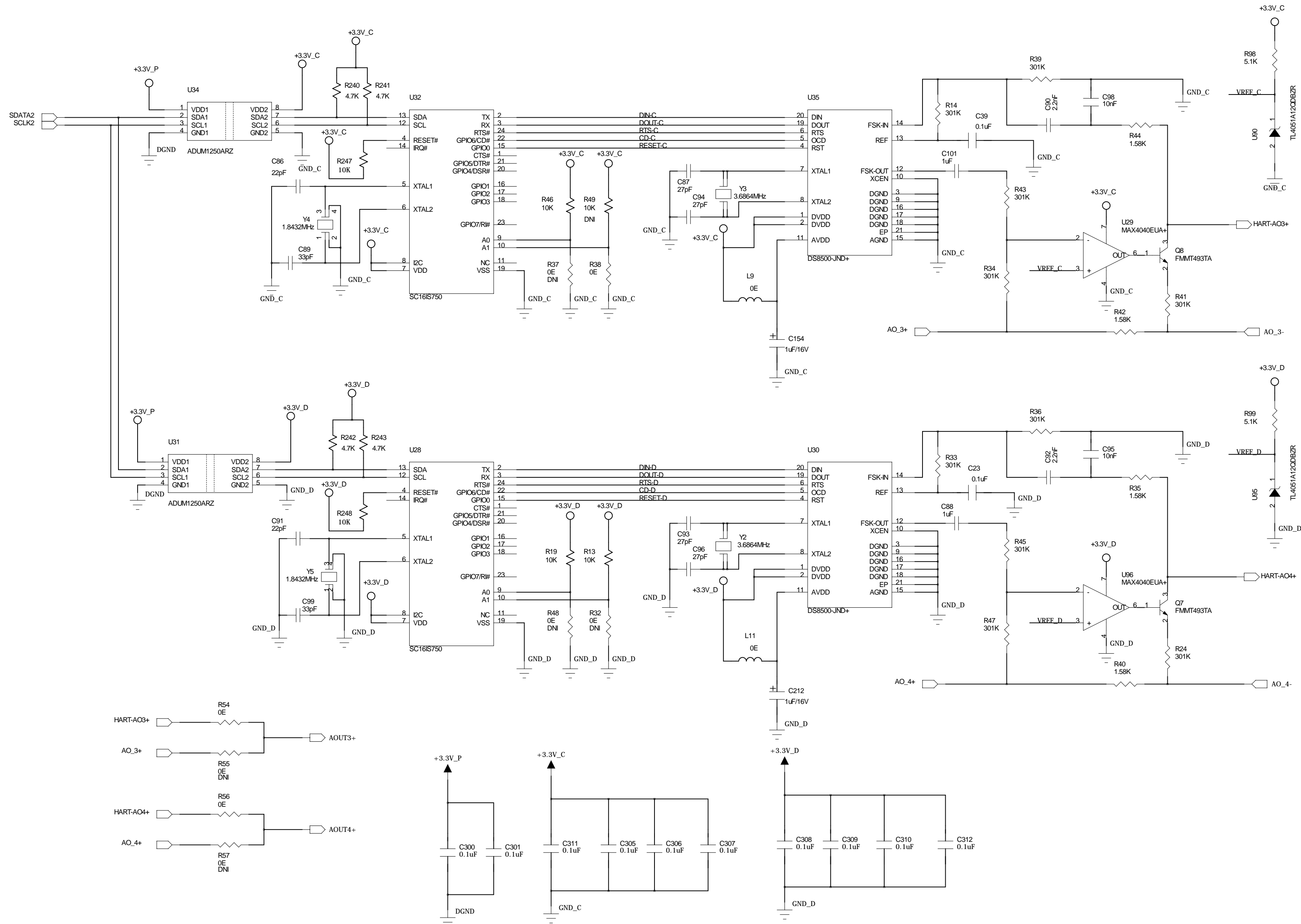
APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION		
DRAWN	Amith Thomas	15.02.12	4725 121st Street - Des Moines, Iowa 50323		
CHECKED	Muthuvelu D	15.02.12			
ENGINEER			SIZE C	DWG. NO. FILE	SHEET 10 of 19 SCALE
				PROD REV. 3.0	

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DWG. NO.

SH

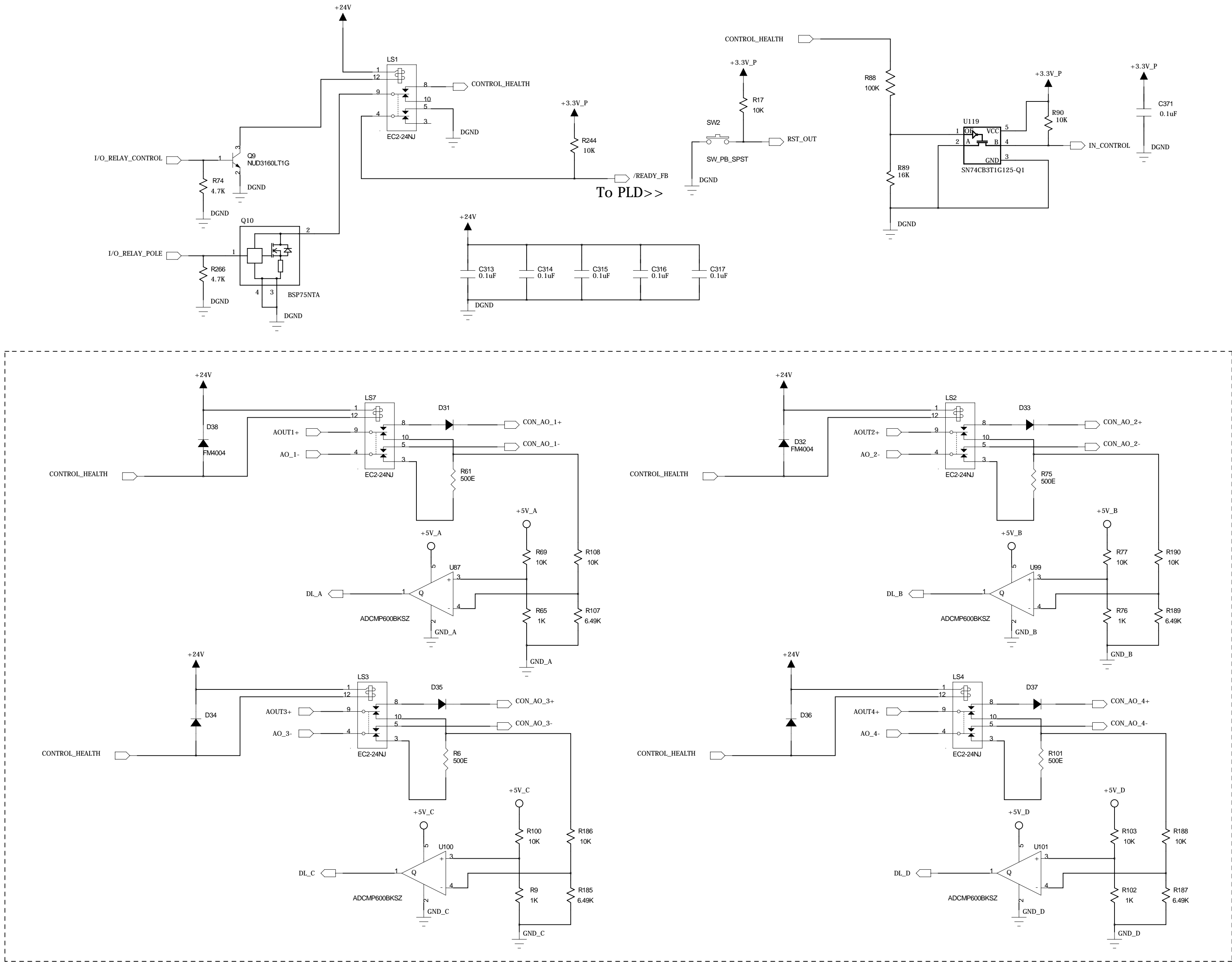
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APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION		
DRAWN	Amith Thomas	15.02.12	4725 121st Street - Des Moines, Iowa 50323		
CHECKED	Muthuvelu D	15.02.12			
ENGINEER			SIZE C	DWG. NO. FILE	SHEET 11 of 19 SCALE PROD REV. 3.0

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DWG. NO. SH REV.



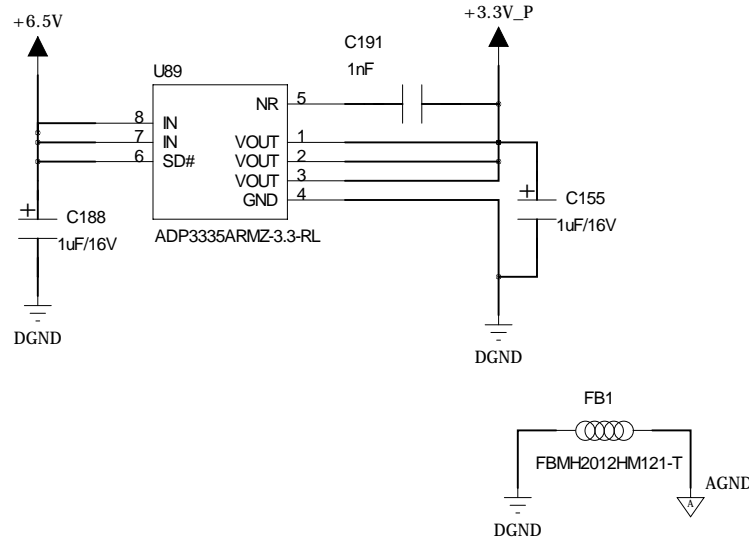
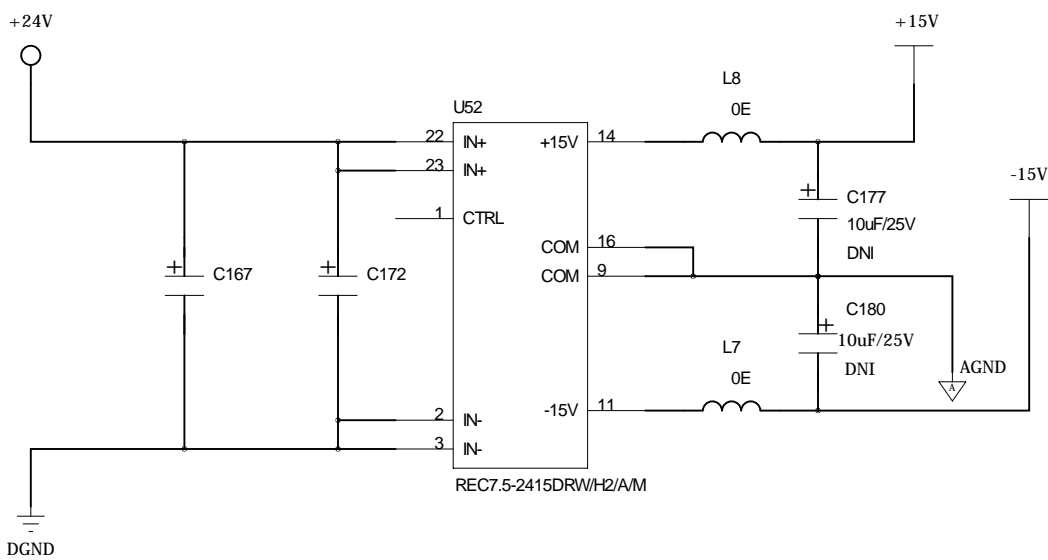
APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION		
DRAWN	Amith Thomas	15.02.12	4725 121st Street - Des Moines, Iowa 50323		
CHECKED	Muthuvelu D	15.02.12			
ENGINEER			SIZE	DWG. NO.	SHEET 12 of 19
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					PROD REV. 3.0

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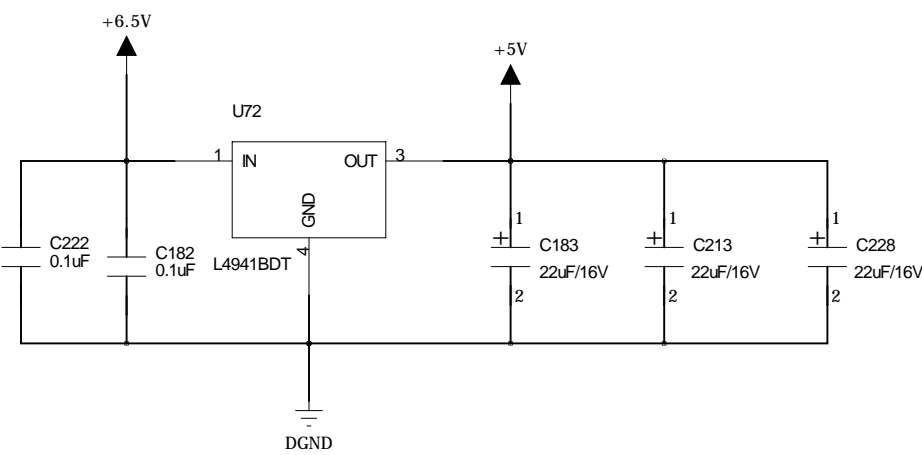
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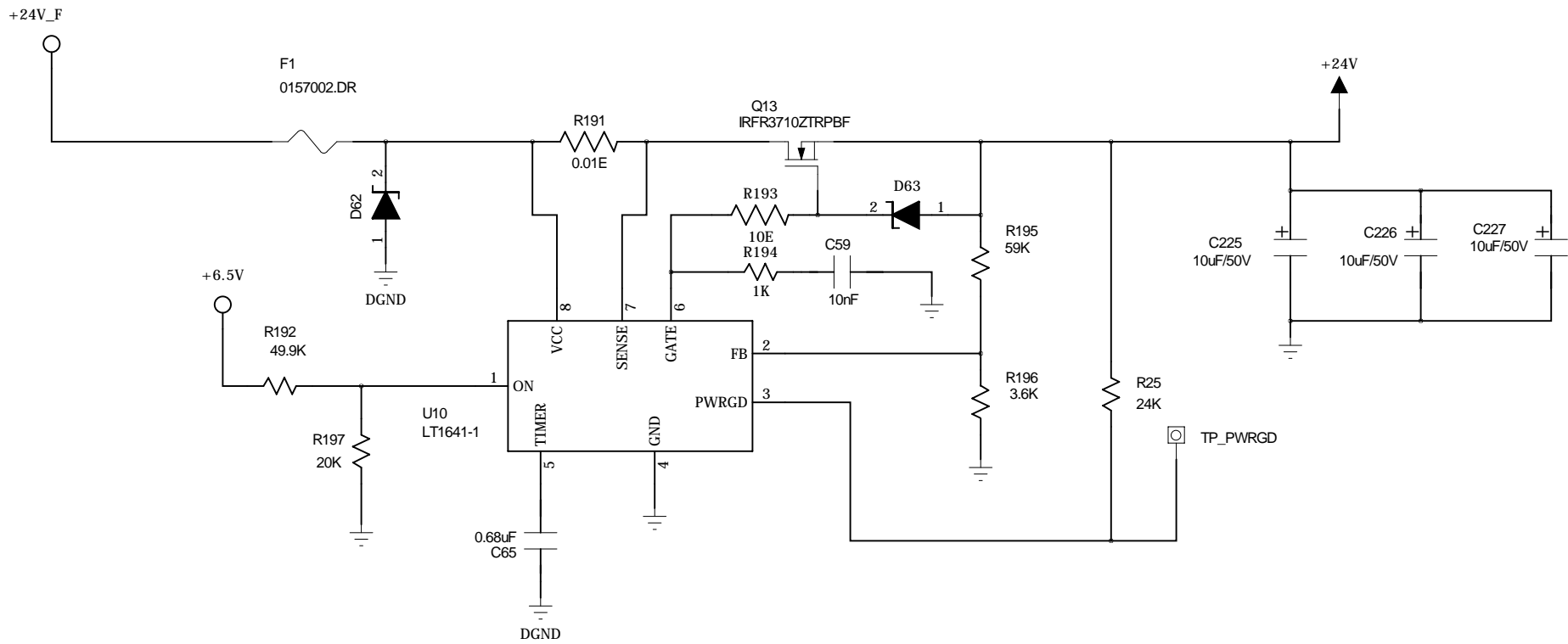
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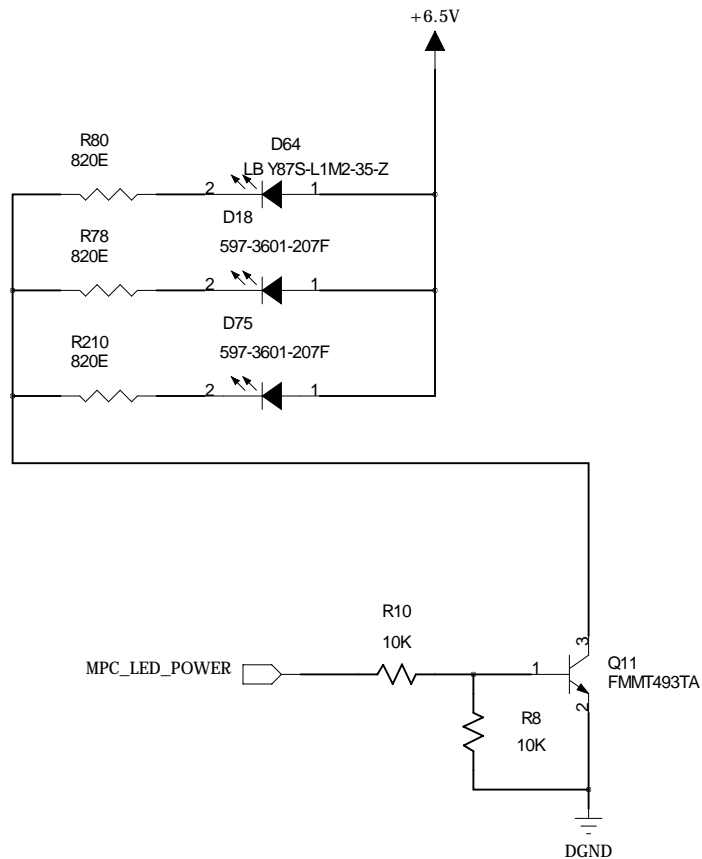
PCB DESIGN NOTE
Short AGND and DGND near U88 at one point



HOT SWAP CONTROLLER



CCC LOGO LED



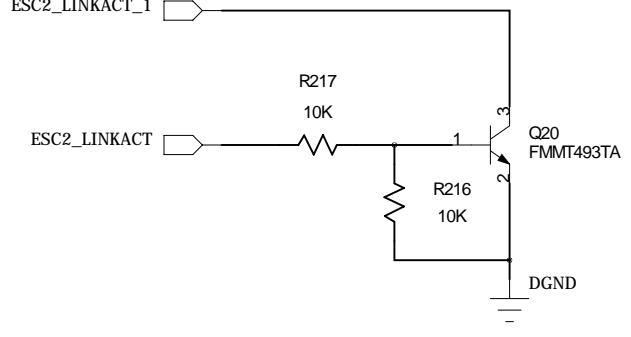
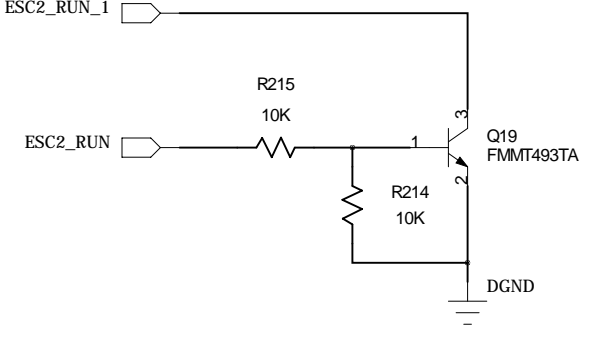
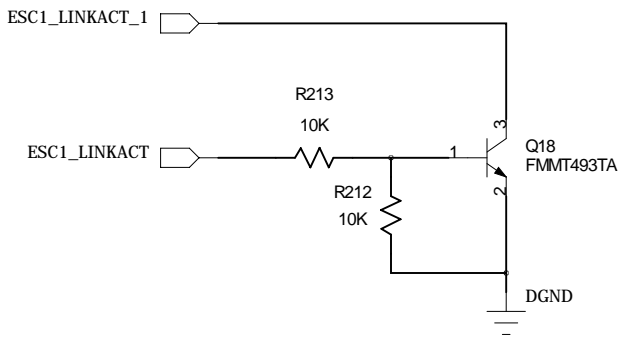
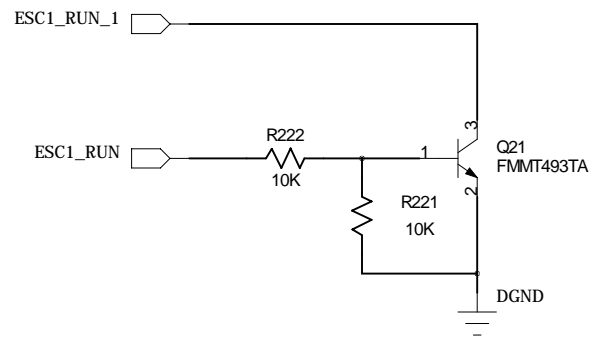
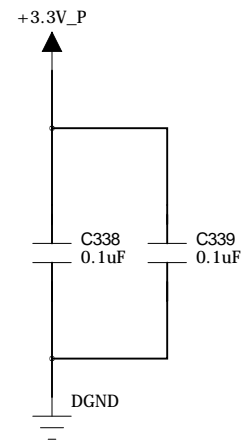
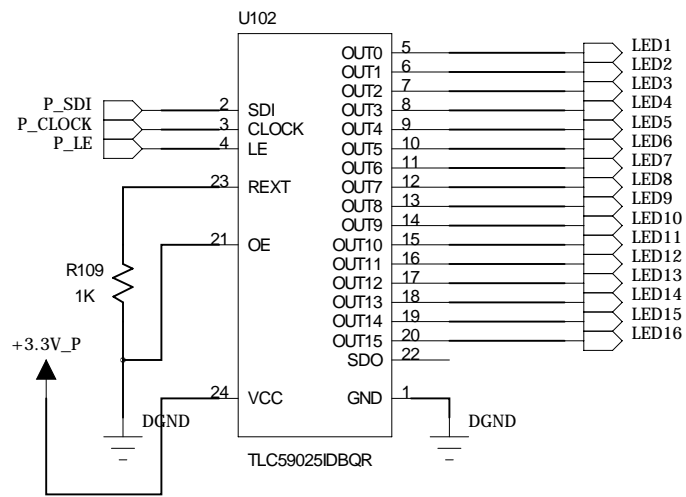
APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION		
DRAWN	Amith Thomas	15.02.12	4725 121st Street - Des Moines, Iowa 50323		
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ENGINEER			SIZE C	DWG. NO. FILE	SHEET 13 of 19 SCALE
				PROD REV. 3.0	

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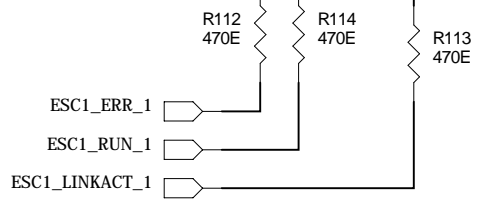
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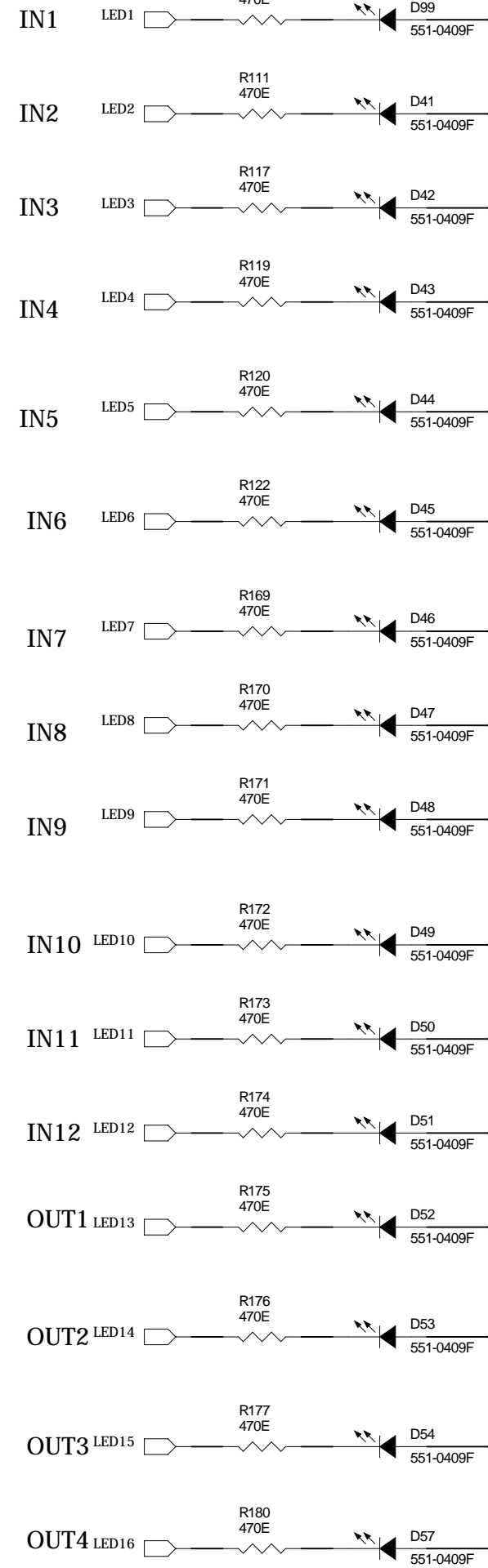
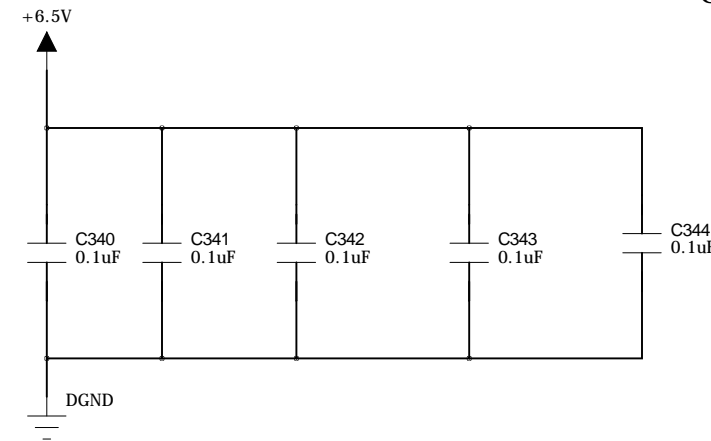
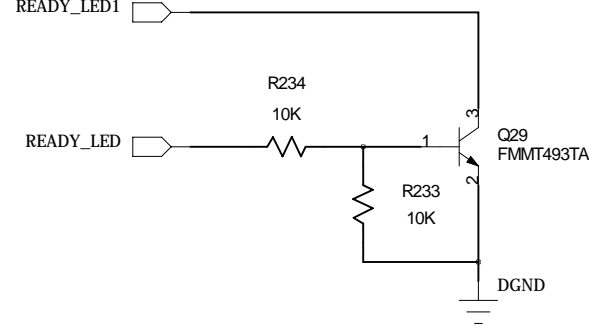
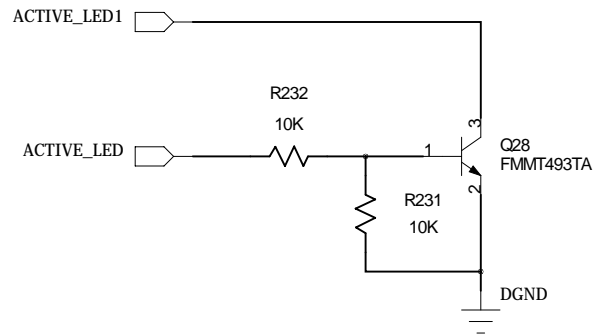
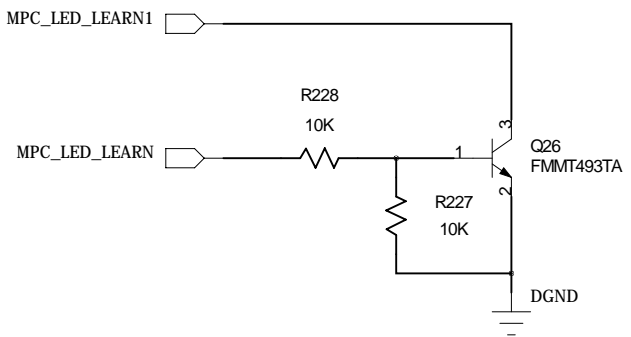
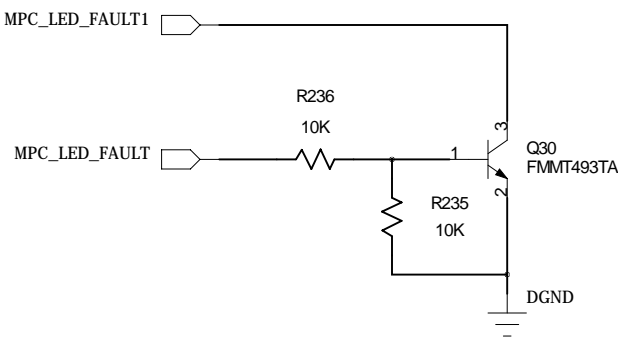
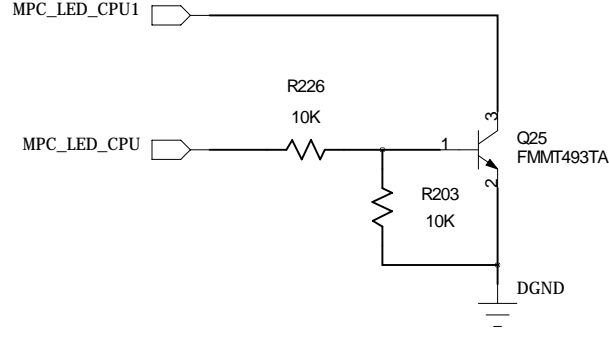
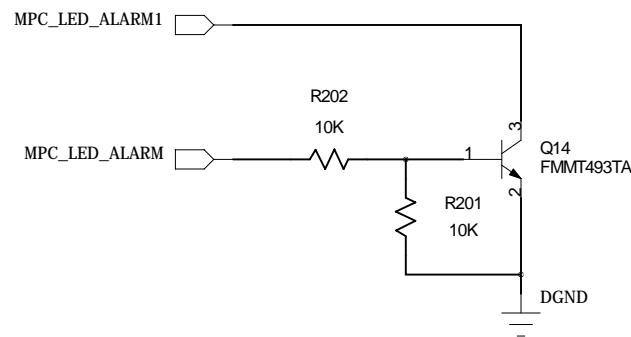
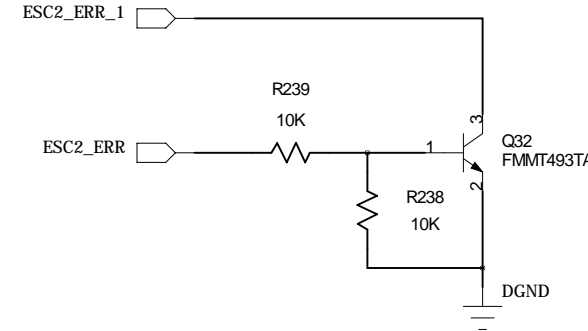
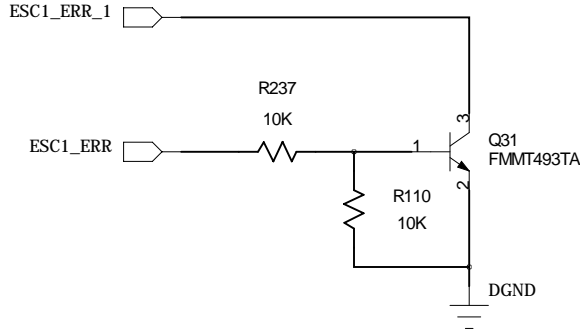
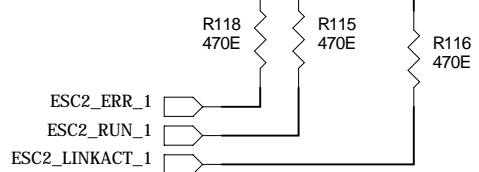
REV.



ETHERCAT-A



ETHERCAT-B



APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION			
DRAWN		Amith Thomas	15.02.12	4725 121st Street - Des Moines, Iowa 50323		
CHECKED		Muthuvelu D	15.02.12			
ENGINEER				SIZE	DWG. NO.	SHEET
				C	FILE	14 of 19
						SCALE
						PROD REV. 3.0

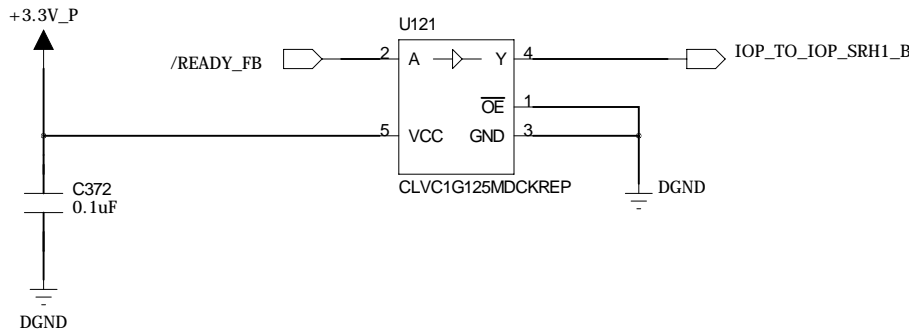
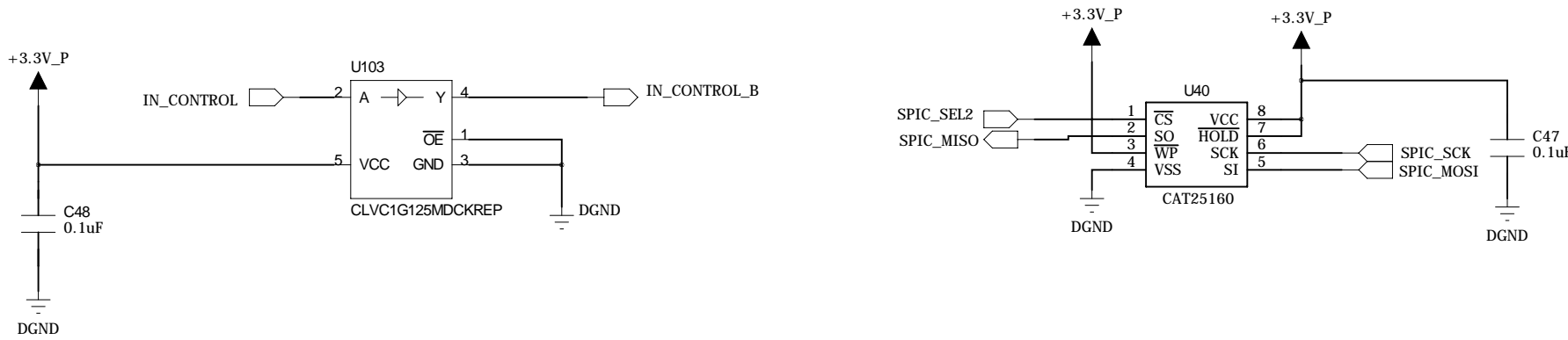
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DWG. NO.

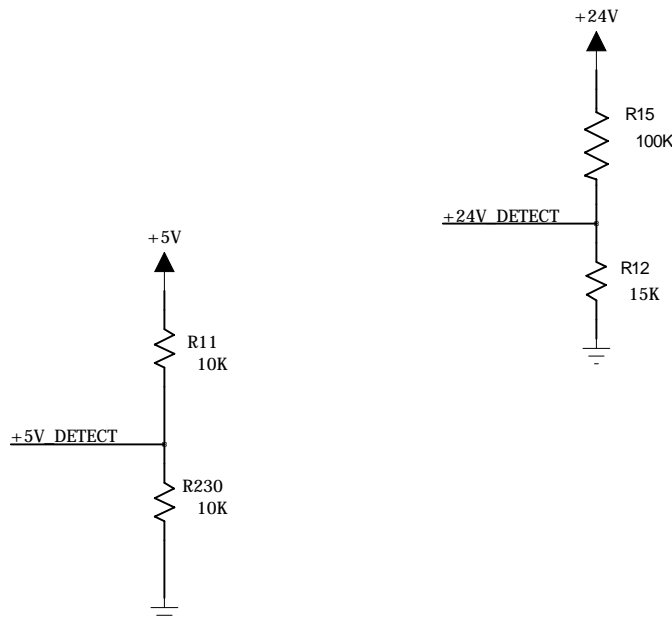
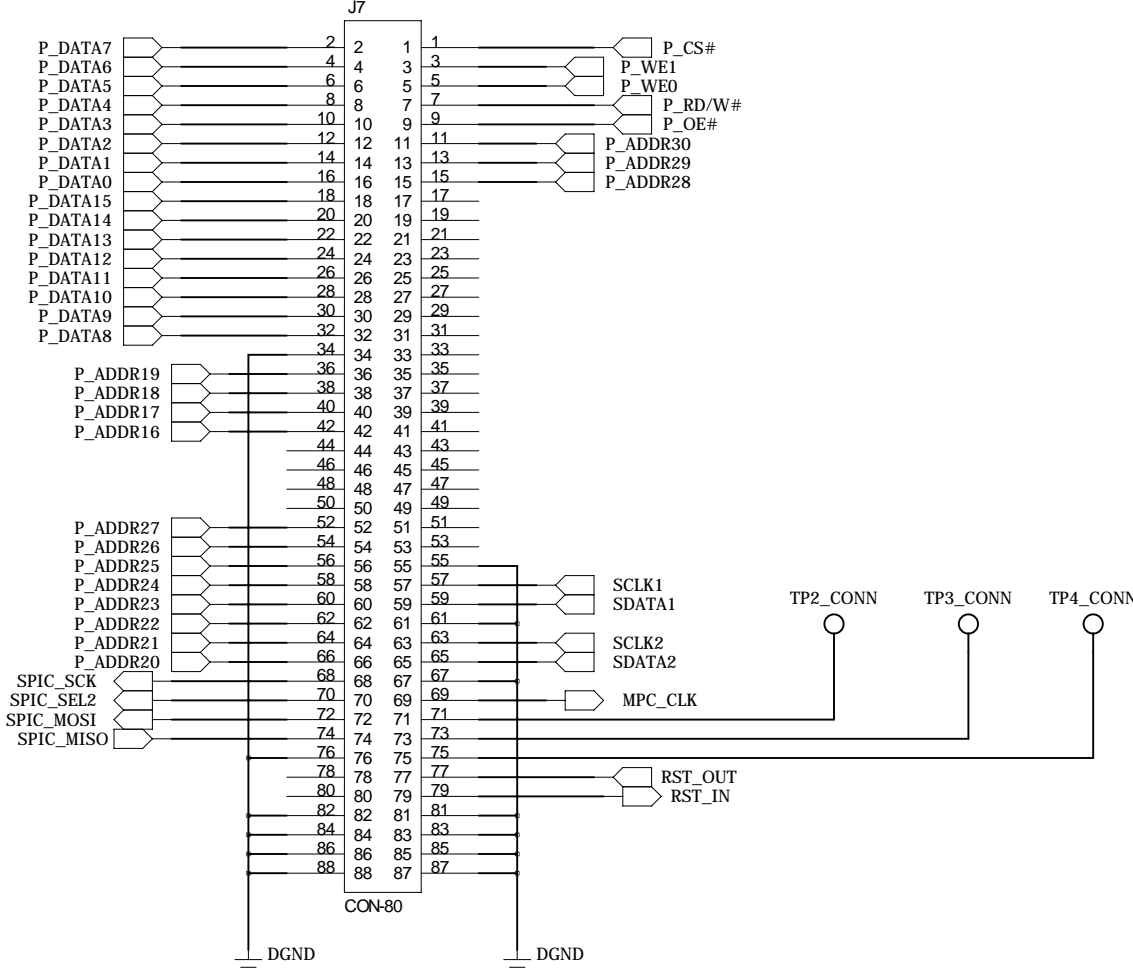
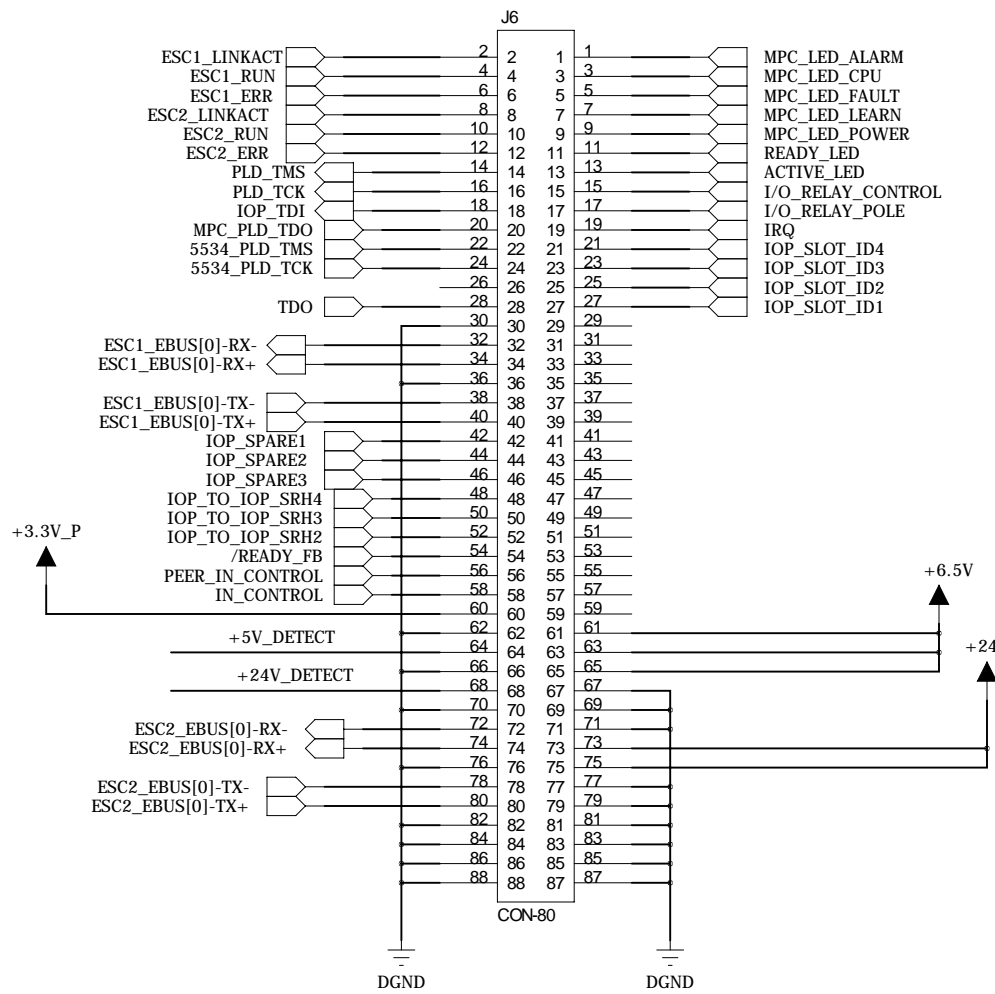
SH

REV.

SPI-EEPROM1

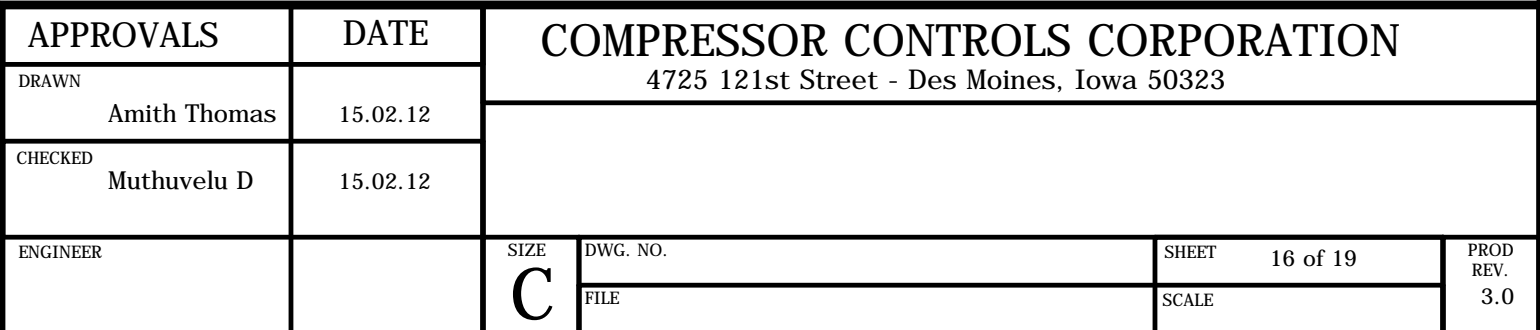


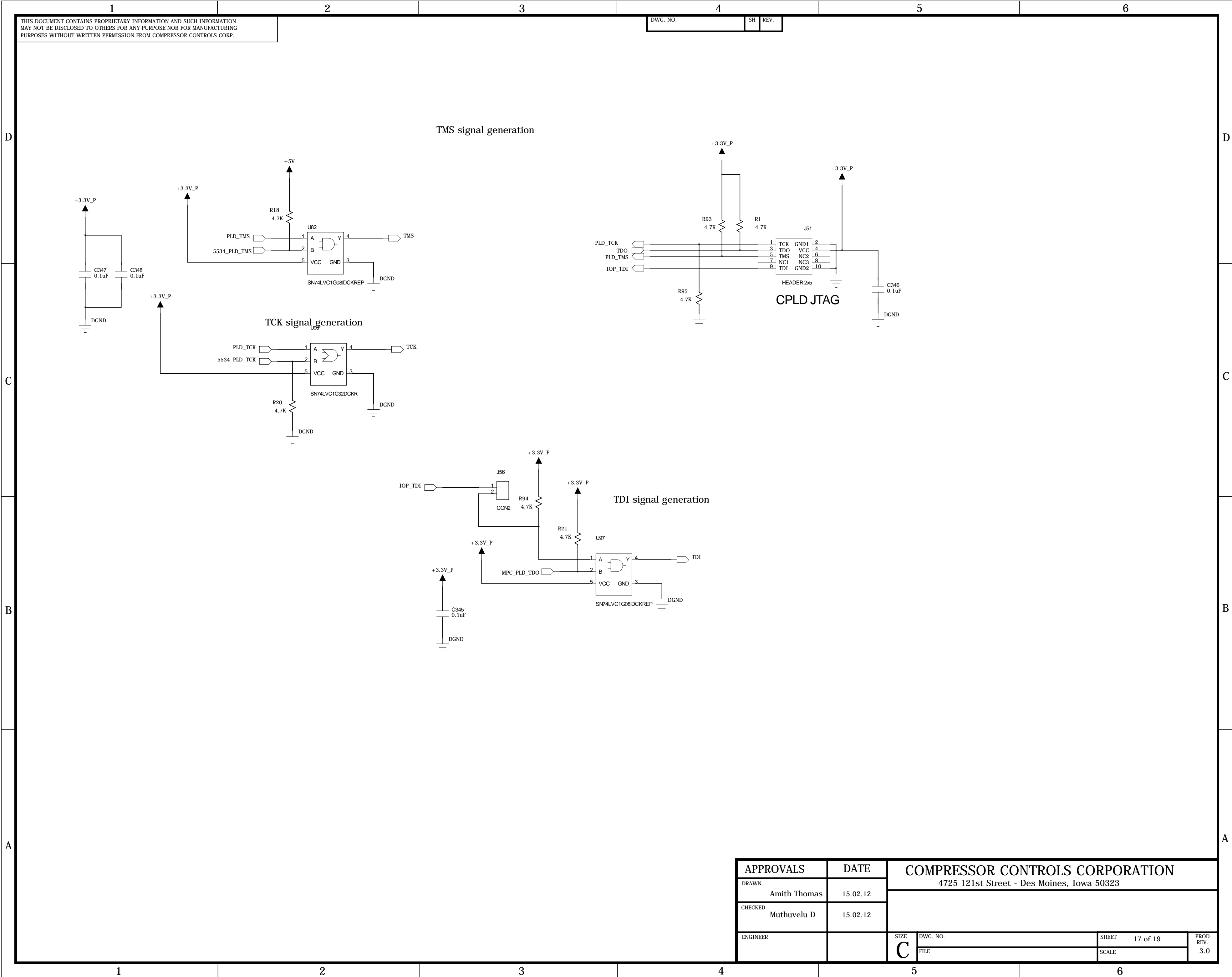
PROCESSOR INTERFACE



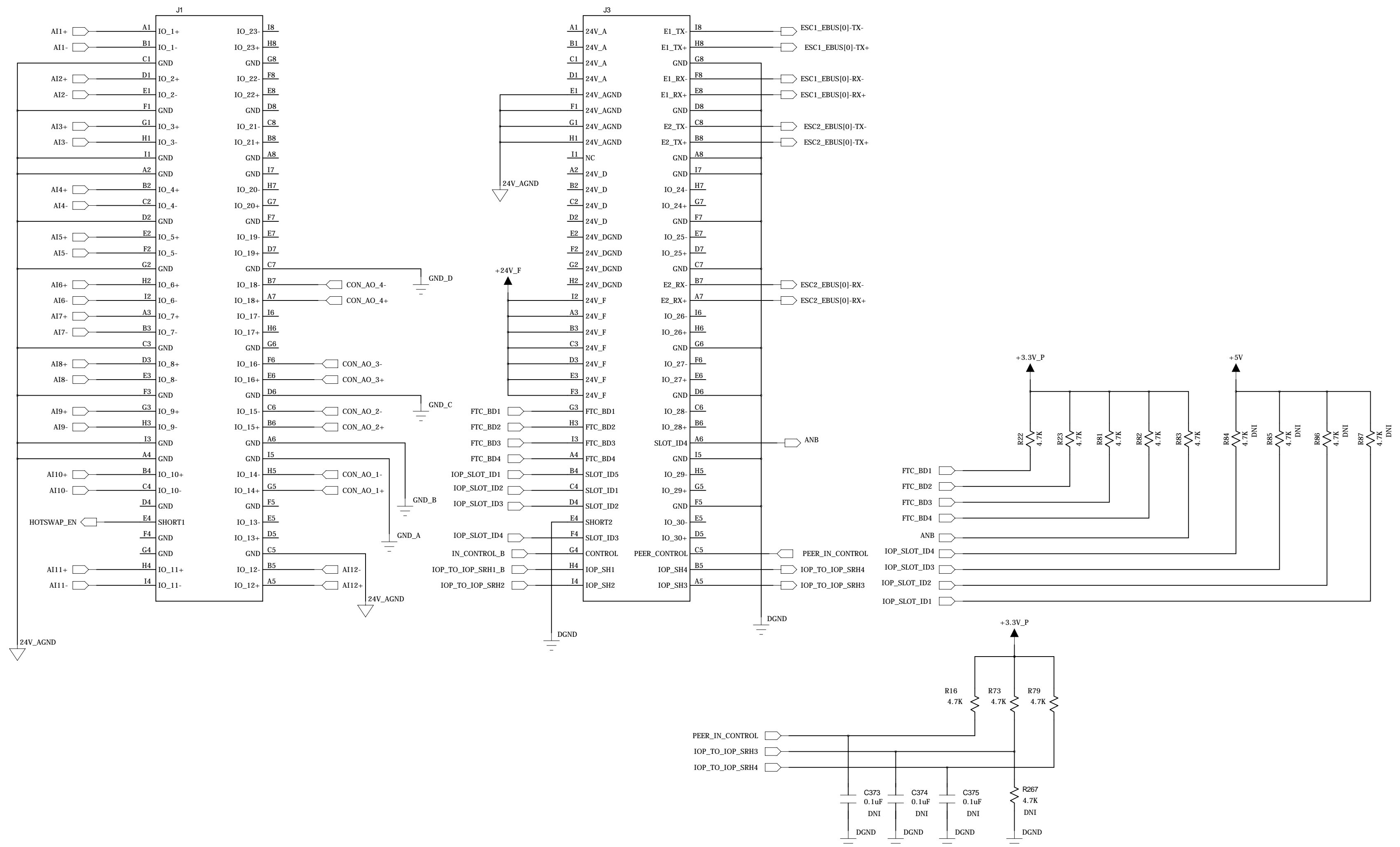
APPROVALS		DATE	COMPRESSOR CONTROLS CORPORATION		
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				PROD REV. 3.0	

COMPRESSOR CONTROLS CORPORATION
4725 121st Street - Des Moines, Iowa 50323





BACK PANEL TERMINATION



Place these capacitors close to the backplane connector

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CHECKED Muthuvelu D		15.02.12					
ENGINEER				SIZE C	DWG. NO. FILE	SHEET 19 of 19	PROD REV. 3.0