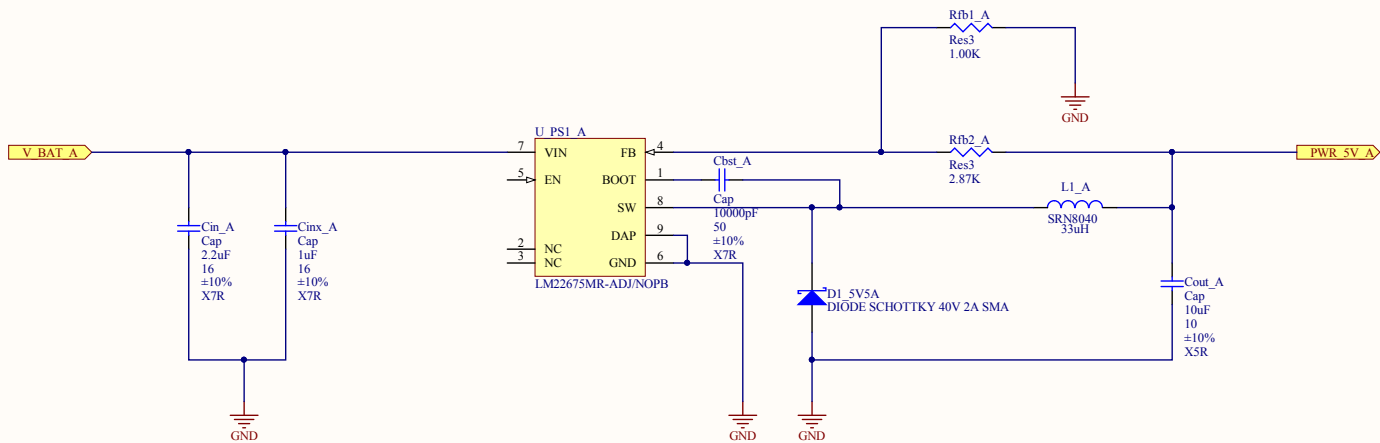


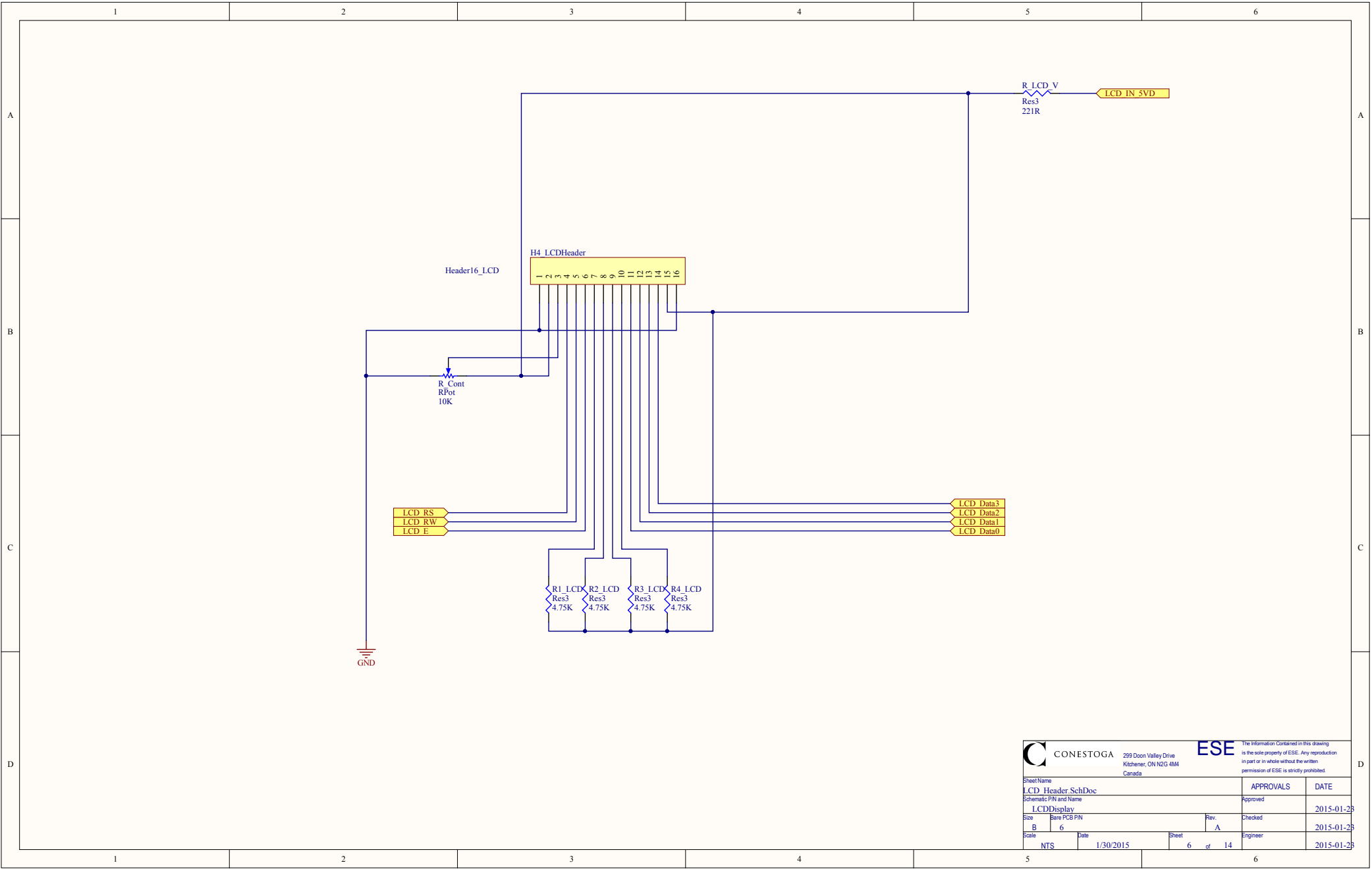


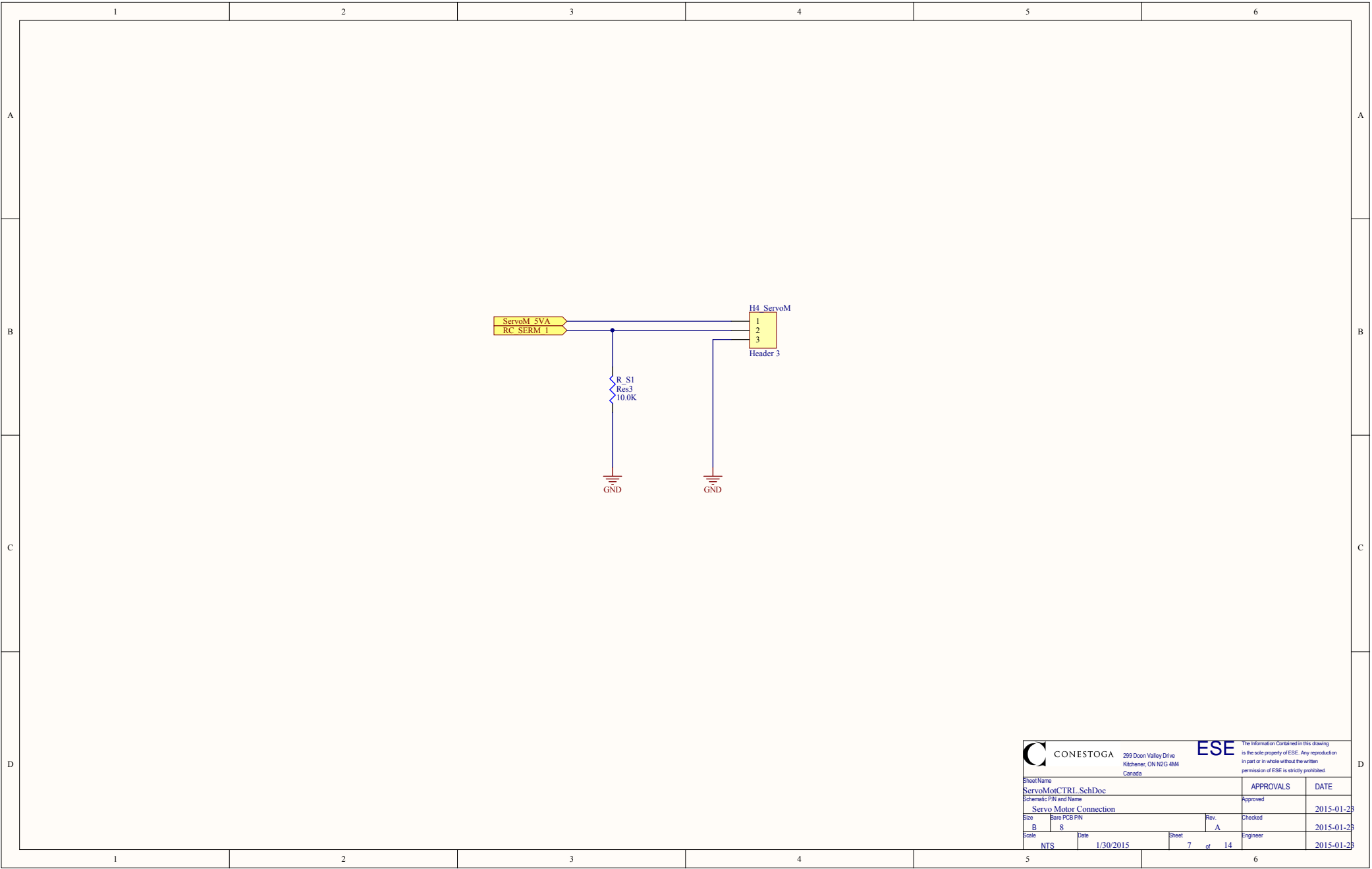
C CONESTOGA 299 Doon Valley Drive Kitchener, ON N2G 4M4 Canada		ESE The Information Contained in this drawing is the sole property of ESE. Any reproduction in part or in whole without the written permission of ESE is strictly prohibited.	
Sheet Name		APPROVALS	
SMPS 5V D.SchDoe		DATE	
Schematic PN and Name		Approved	
SMPS 5V Using LM22675		2015-01-15	
Size		Checked	
B		2015-01-15	
Scale		Engineer	
NTS		2015-01-15	
Date		Sheet	
1/30/2015		3 of 14	
		6	

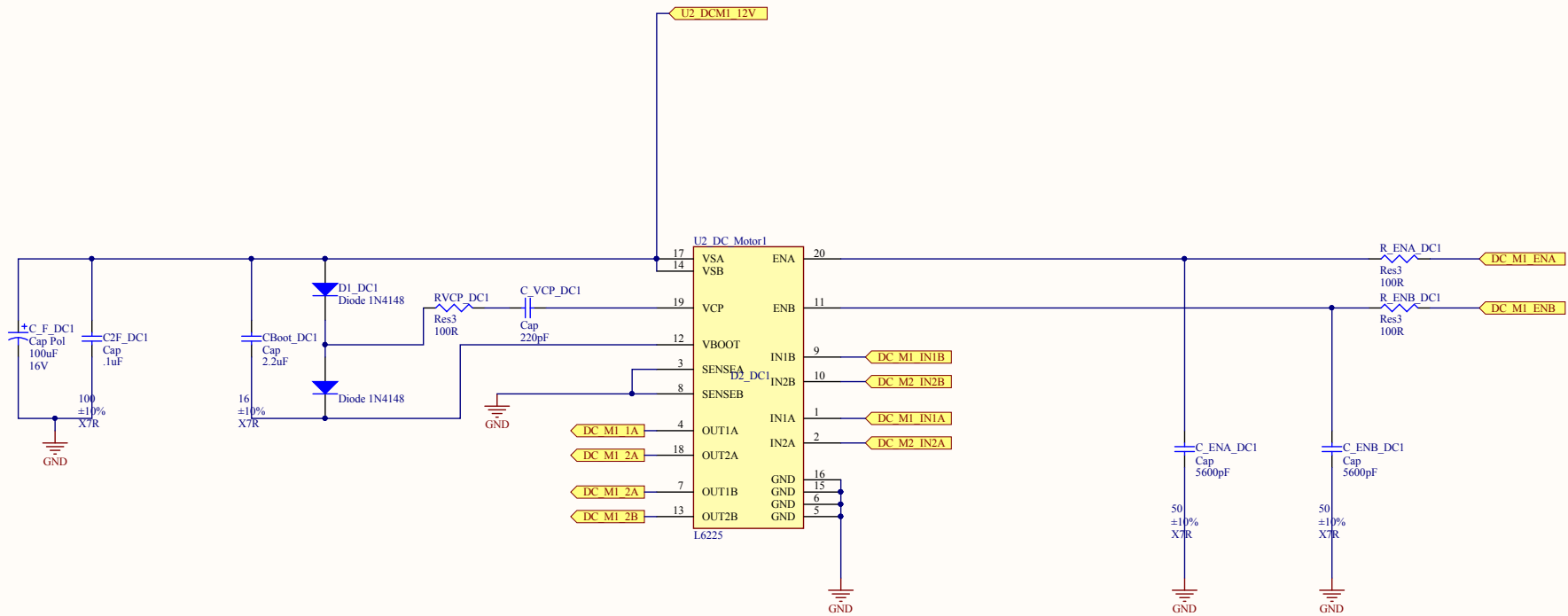


		CONESTOGA		299 Doon Valley Drive Kitchener, ON N2G 4M4 Canada				The Information Contained in this drawing is the sole property of ESE. Any reproduction in part or in whole without the written permission of ESE is strictly prohibited.		D
Sheet Name						APPROVALS		DATE		
SMPS 5V A.SchDoe										
Schematic P/N and Name						Approved				
SMPS 5V Using LM22675								2015-01-15		
Size		Bare PCB P/N		Rev.		Checked		2015-01-15		
B		I		A						
Scale		Date		Sheet		Engineer		2015-01-15		
NTS		1/30/2015		4 of 14						

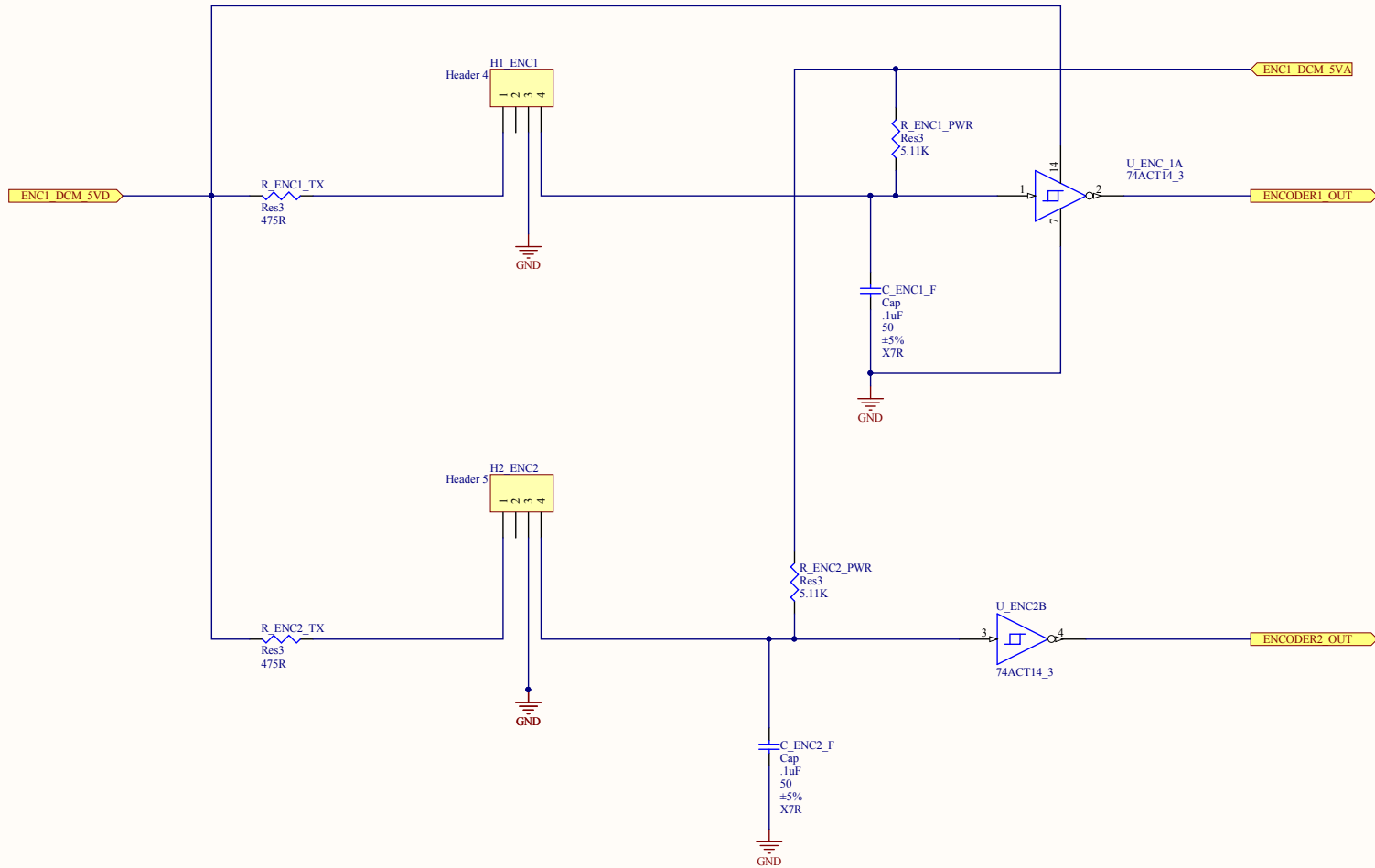




C CONESTOGA		299 Doon Valley Drive Kitchener, ON N2G 4M4 Canada		ESE		The Information Contained in this drawing is the sole property of ESE. Any reproduction in part or in whole without the written permission of ESE is strictly prohibited.	
Sheet Name LCD Header SchDoc				APPROVALS		DATE	
Schematic P/N and Name LCDDisplay				Approved		2015-01-28	
Size B		Basic P/N 6		Rev. A		2015-01-28	
Scale NTS		Date 1/30/2015		Sheet 6 of 14		Engineer 2015-01-28	

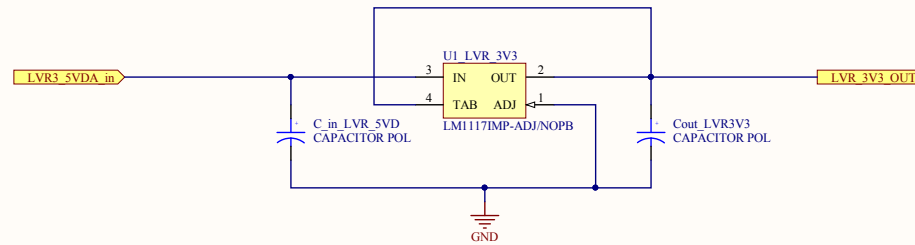






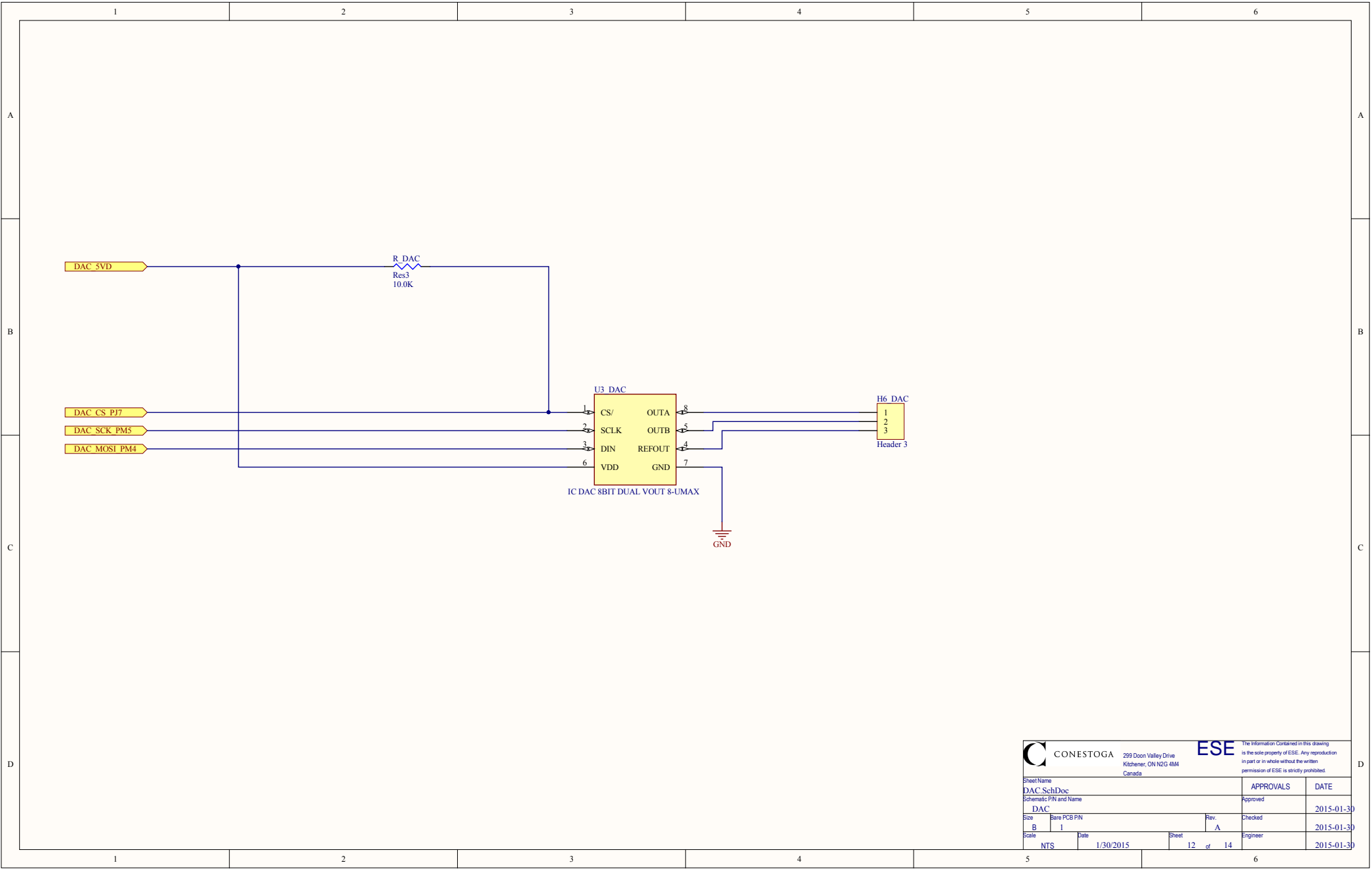
C CONESTOGA 299 Doon Valley Drive Kitchener, ON N2G 4M4 Canada		ESE The Information Contained in this drawing is the sole property of ESE. Any reproduction in part or in whole without the written permission of ESE is strictly prohibited.	
Sheet Name DCMotor1CTRL.SchDoc		APPROVALS	
Schematic P/N and Name DC Motor Driver		Approved	
Size B		Rev. A	
Scale NTS		Date 1/30/2015	
Sheet 7		of 14	
Engineer		2015-01-28	

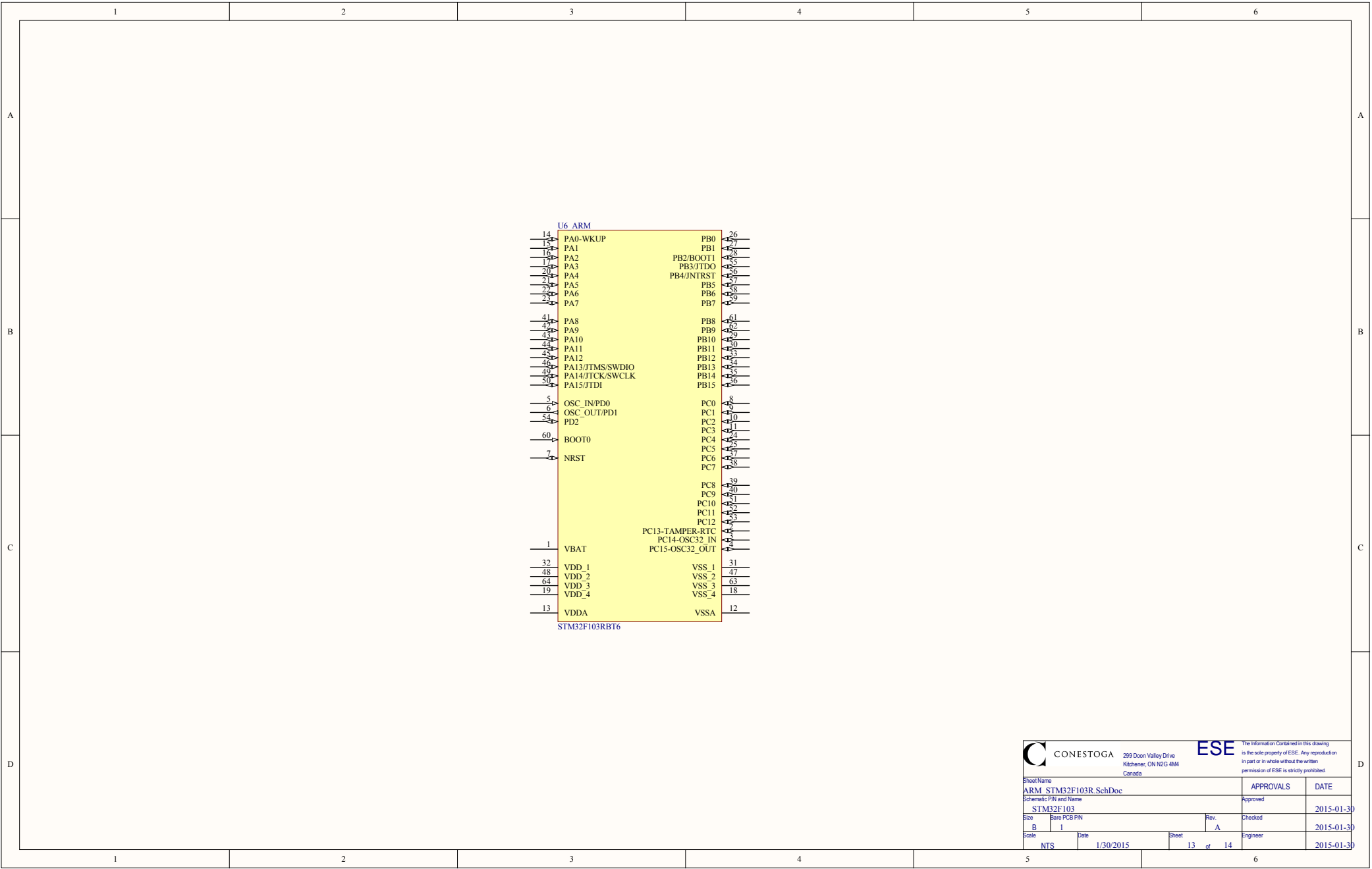


		CONESTOGA		299 Doon Valley Drive Kitchener, ON N2G 4M4 Canada				The Information Contained in this drawing is the sole property of ESE. Any reproduction in part or in whole without the written permission of ESE is strictly prohibited.		D
Sheet Name						APPROVALS		DATE		
Encoder DC Mot.SchDoc										
Schematic P/N and Name						Approved				
DC Motor Speed Encoder								2015-01-28		
Size		Bare PCB P/N		Rev.		Checked		2015-01-28		
B		9		B						
Scale		Date		Sheet		Engineer		2015-01-28		
NTS		1/30/2015		9 of 14						



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Sheet Name LVR_3V3_PS SchDoc						APPROVALS		DATE
Schematic P/N and Name 3V3 Linear Voltage Regulator						Approved		2015-01-30
Size B	Bare PCB P/N 1				Rev. A	Checked		2015-01-30
Scale NTS	Date 1/30/2015		Sheet 10 of 14		Engineer		2015-01-30	





C

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Sheet Name

ARM STM32F103R.SchDoc

APPROVALS

DATE

Schematic PN and Name

STM32F103

Approved

2015-01-30

Size

B

Bare PCB PN

I

Rev.

A

Checked

2015-01-30

Scale

NTS

Date

1/30/2015

Sheet

13

of

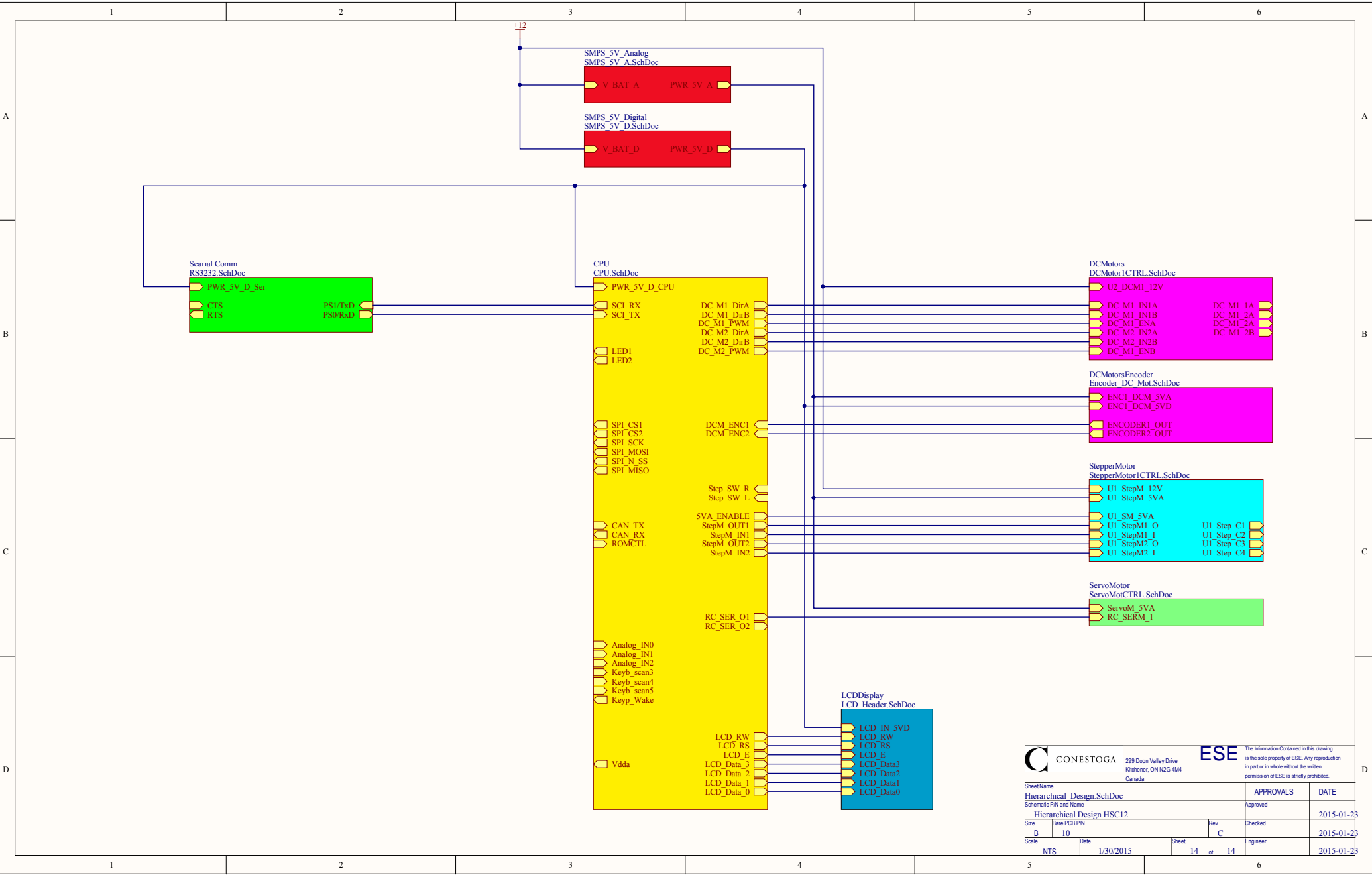
14



Engineer

2015-01-30

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Sheet Name Hierarchical Design.SchDoc				APPROVALS		DATE	
Schematic P/N and Name Hierarchical Design HSC12				Approved		2015-01-28	
Size B	Bare PCB P/N 10			Rev. C	Checked		2015-01-28
Scale NTS	Date 1/30/2015			Sheet 14	of 14		Engineer 2015-01-28