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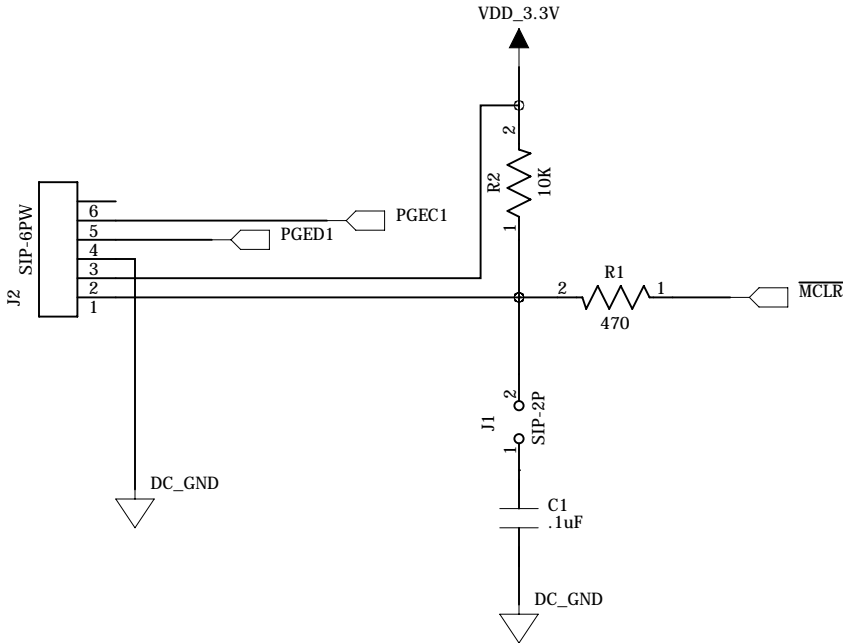
4

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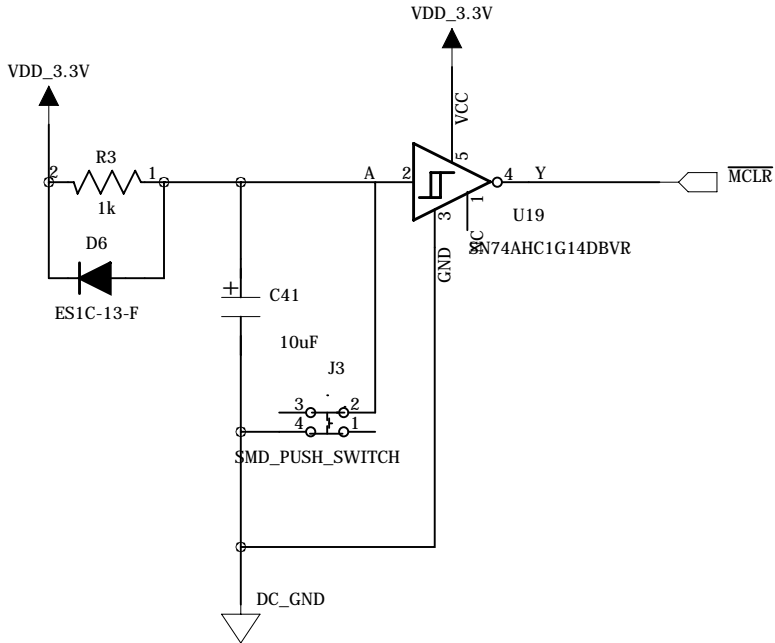
2

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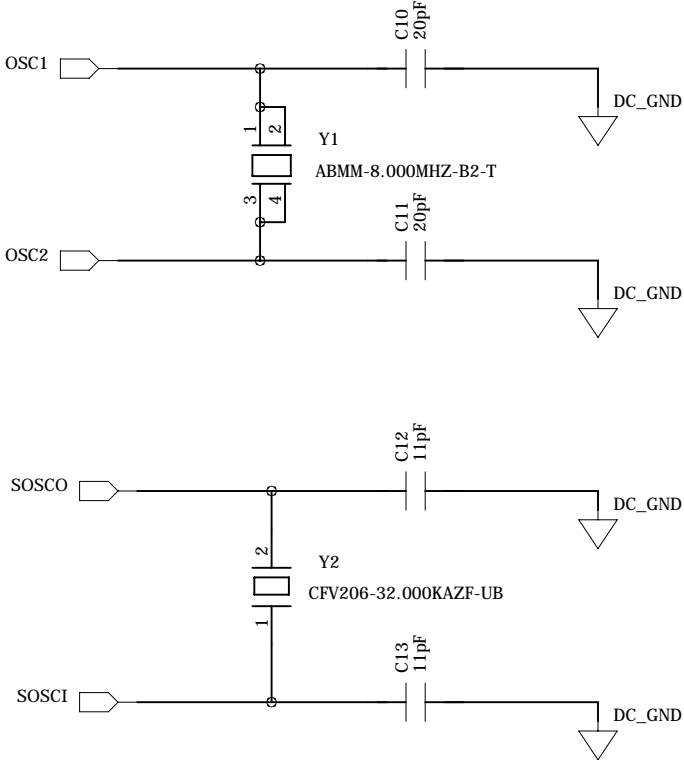
In Circuit Debugger (ICD) PICKit 3



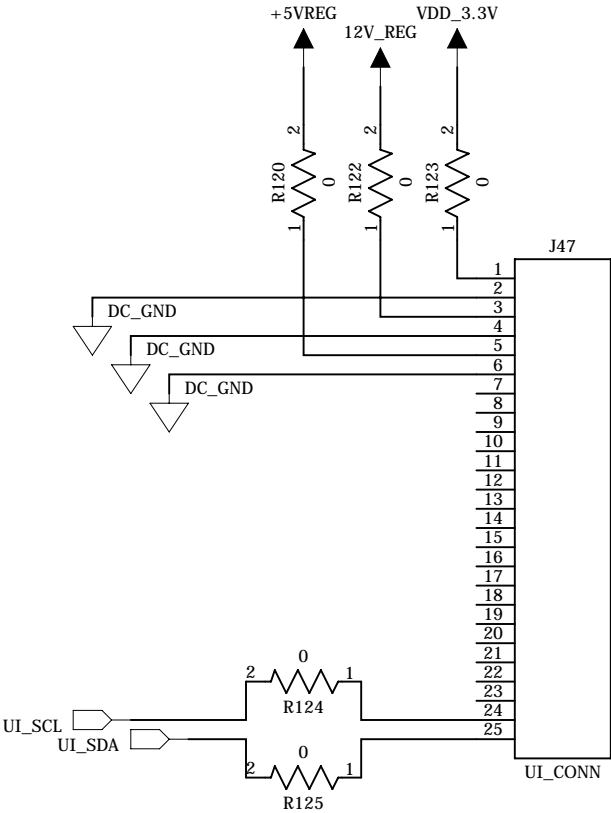
Reset Switch



Oscillator Circuits

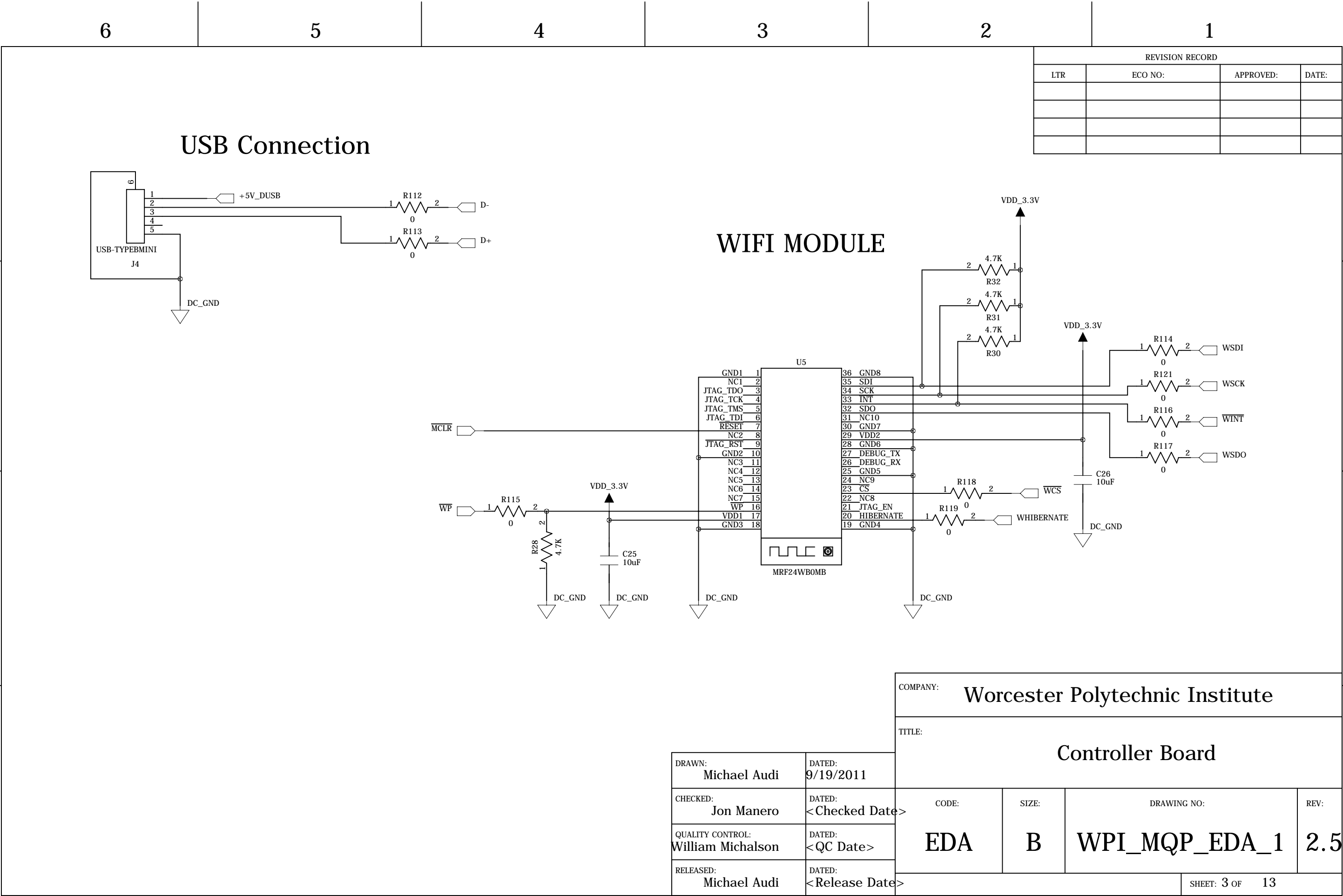


User Interface Connector



COMPANY: Worcester Polytechnic Institute			
TITLE: Controller Board			
CODE:	SIZE:	DRAWING NO:	REV:
EDA	B	WPI_MQP_EDA_1	2.5
SHEET: 2 OF 13			

DRAWN: Michael Audi	DATED: 9/19/2011
CHECKED: Jon Manero	DATED: <Checked Date>
QUALITY CONTROL: William Michalson	DATED: <QC Date>
RELEASED: Michael Audi	DATED: <Release Date>



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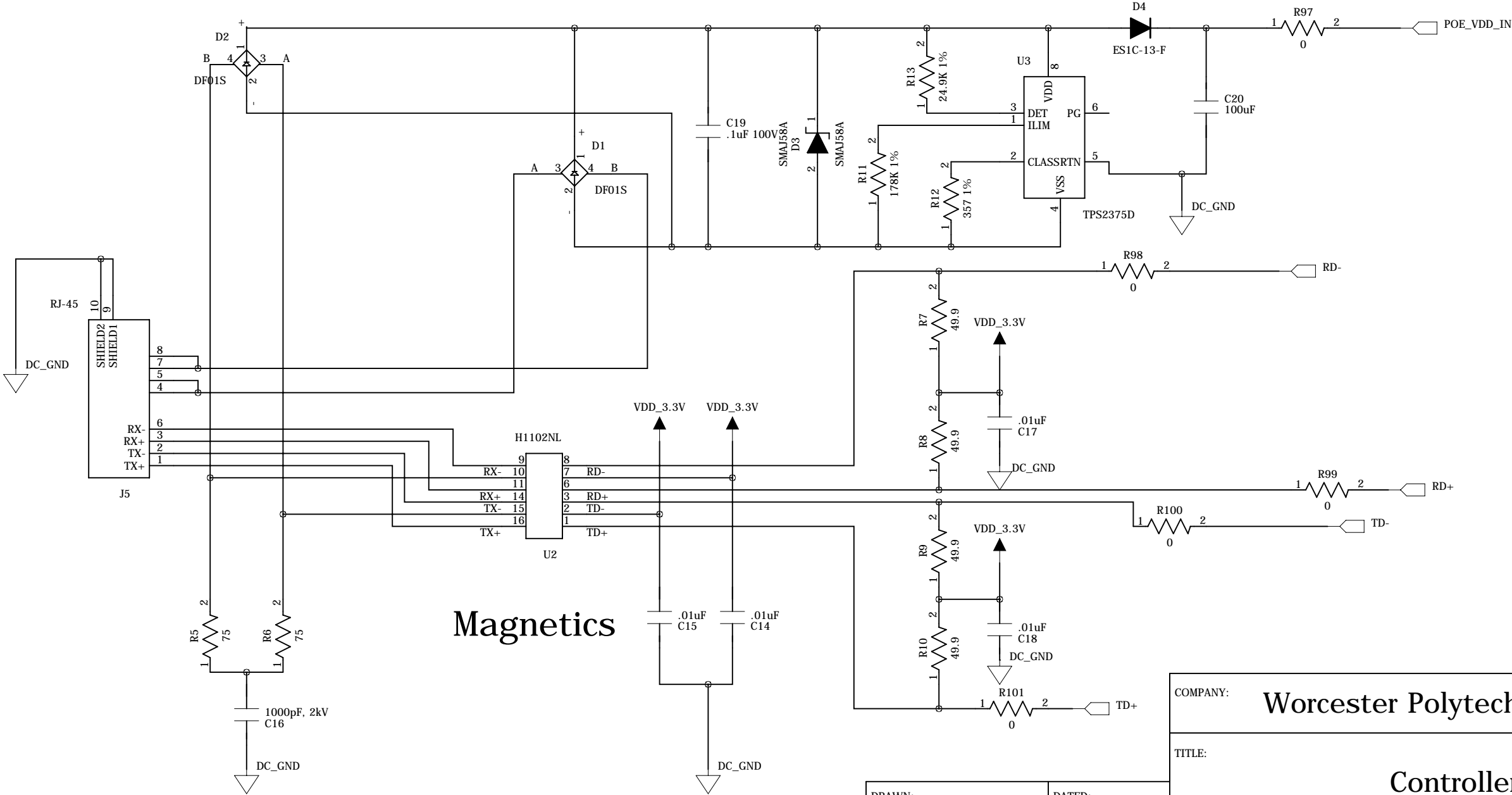
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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

PoE



Magnetics

COMPANY: Worcester Polytechnic Institute			
TITLE: Controller Board			
CODE:	SIZE:	DRAWING NO:	REV:
EDA	B	WPI_MQP_EDA_1	2.5
SHEET: 4 OF 13			

DRAWN: Michael Audi	DATED: 9/19/2011
CHECKED: Jon Manero	DATED: <Checked Date>
QUALITY CONTROL: William Michalson	DATED: <QC Date>
RELEASED: Michael Audi	DATED: <Release Date>

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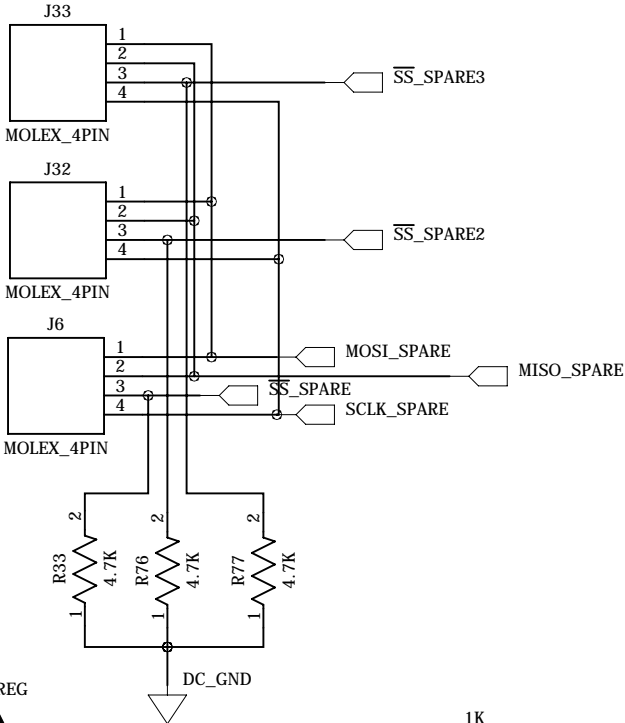
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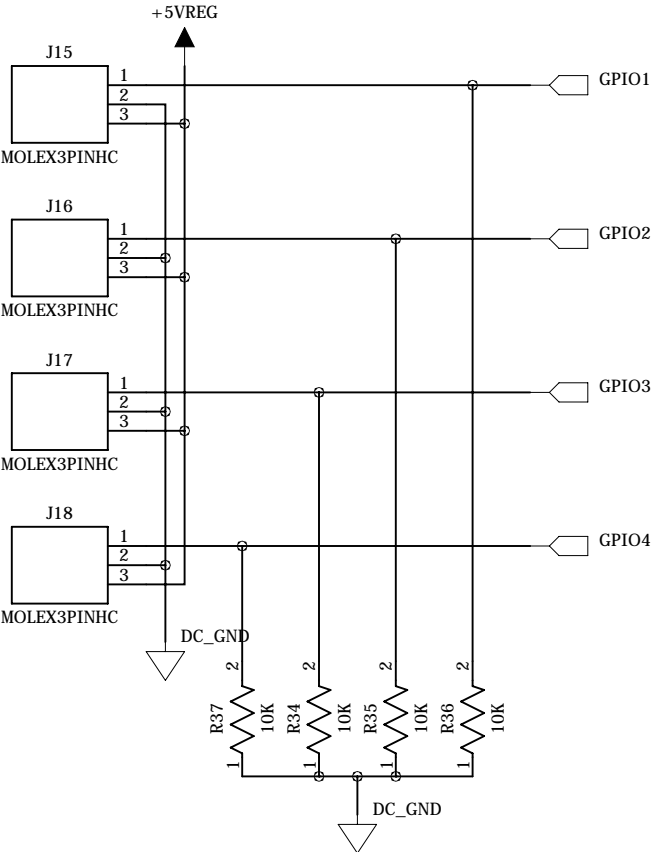
2

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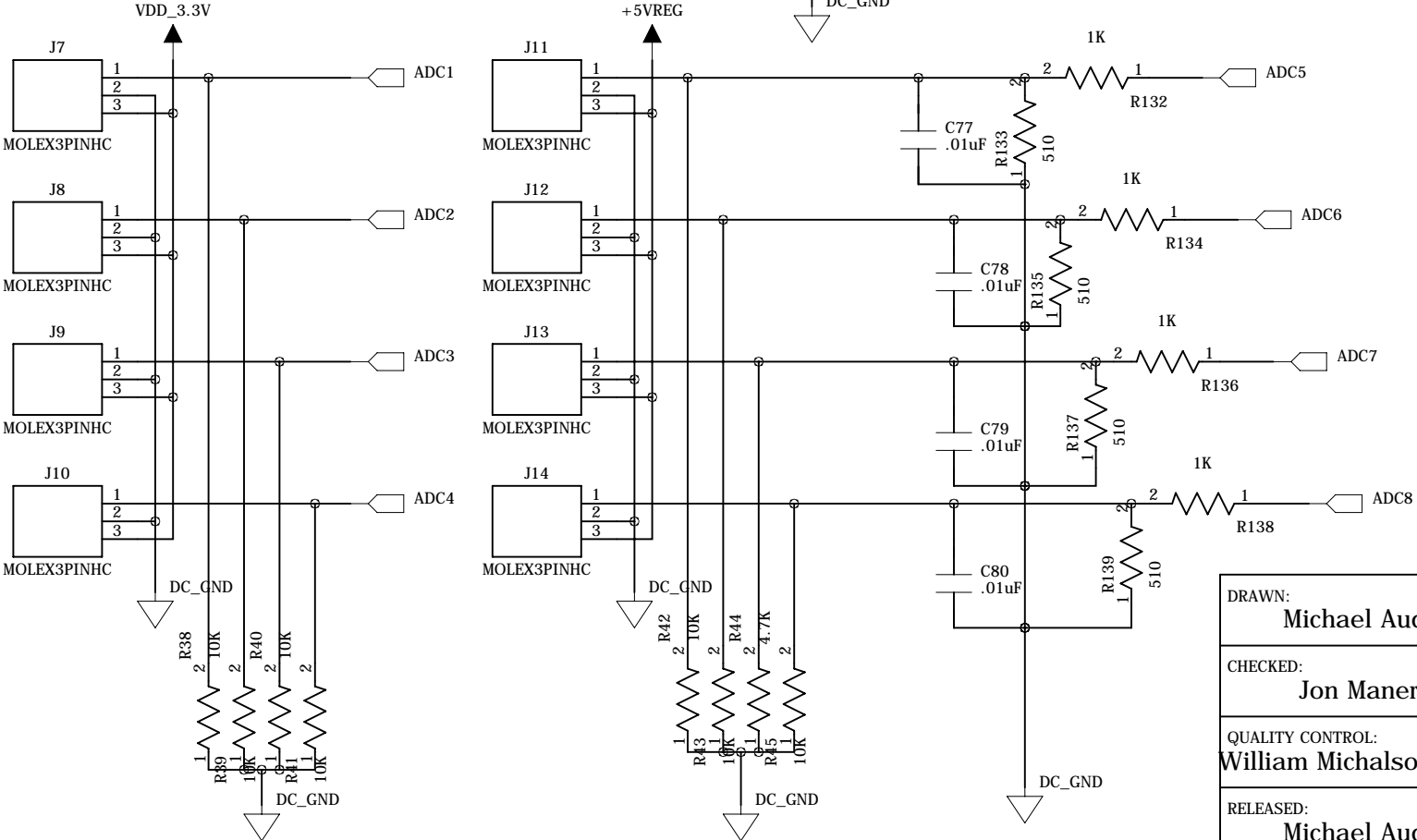
SPARE SPI OUTPUT



GPIOs

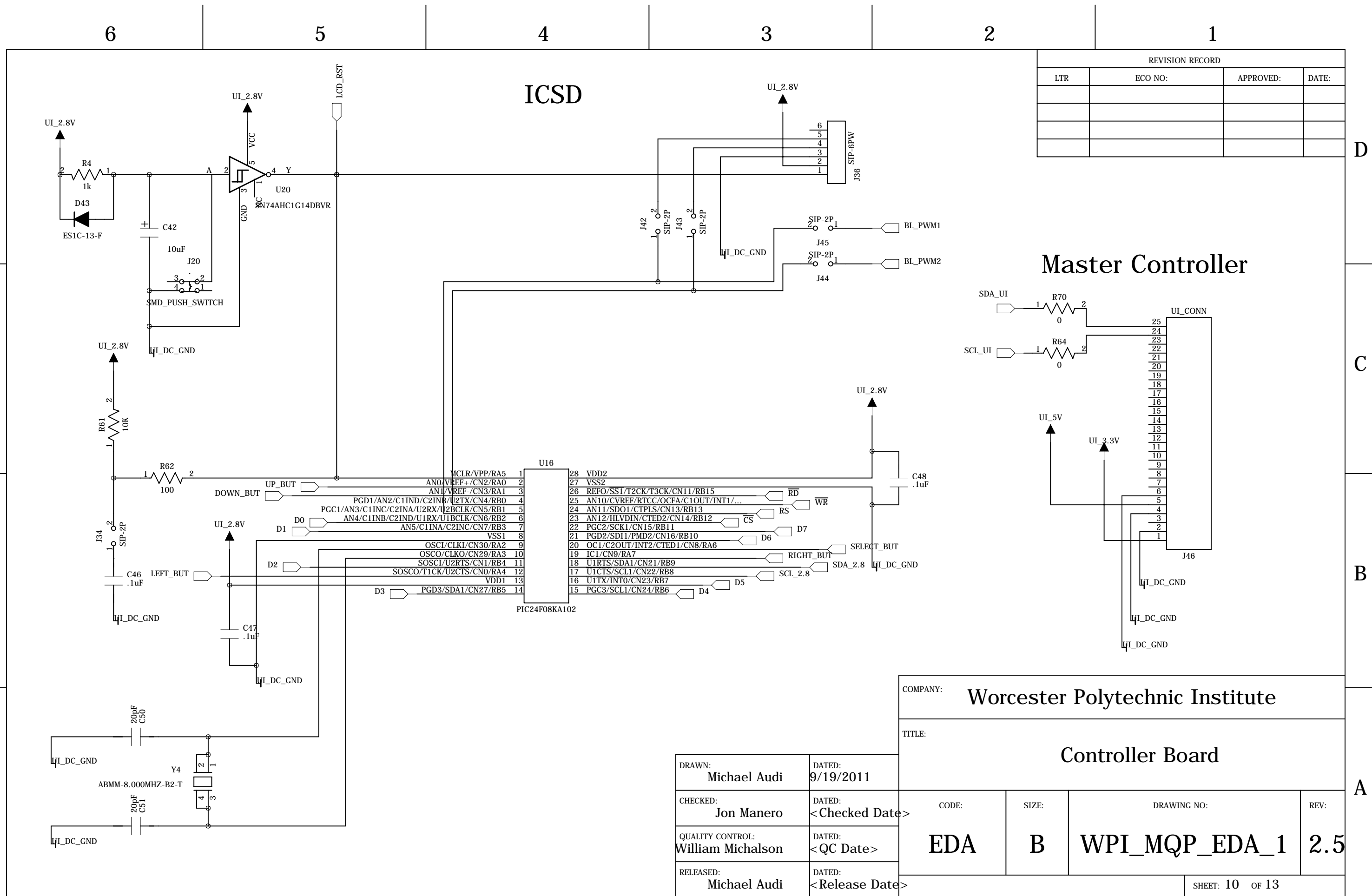


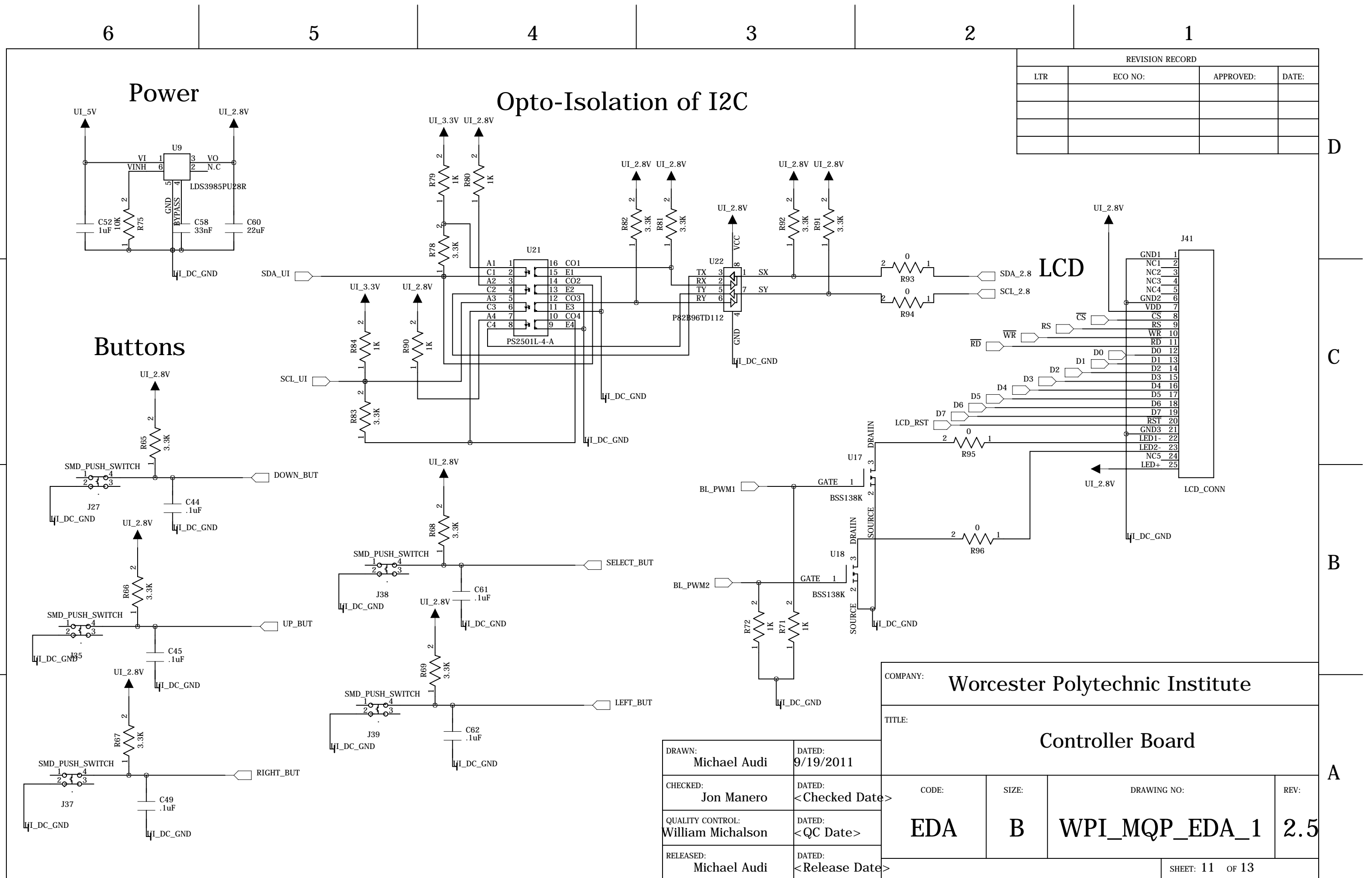
ADC Inputs

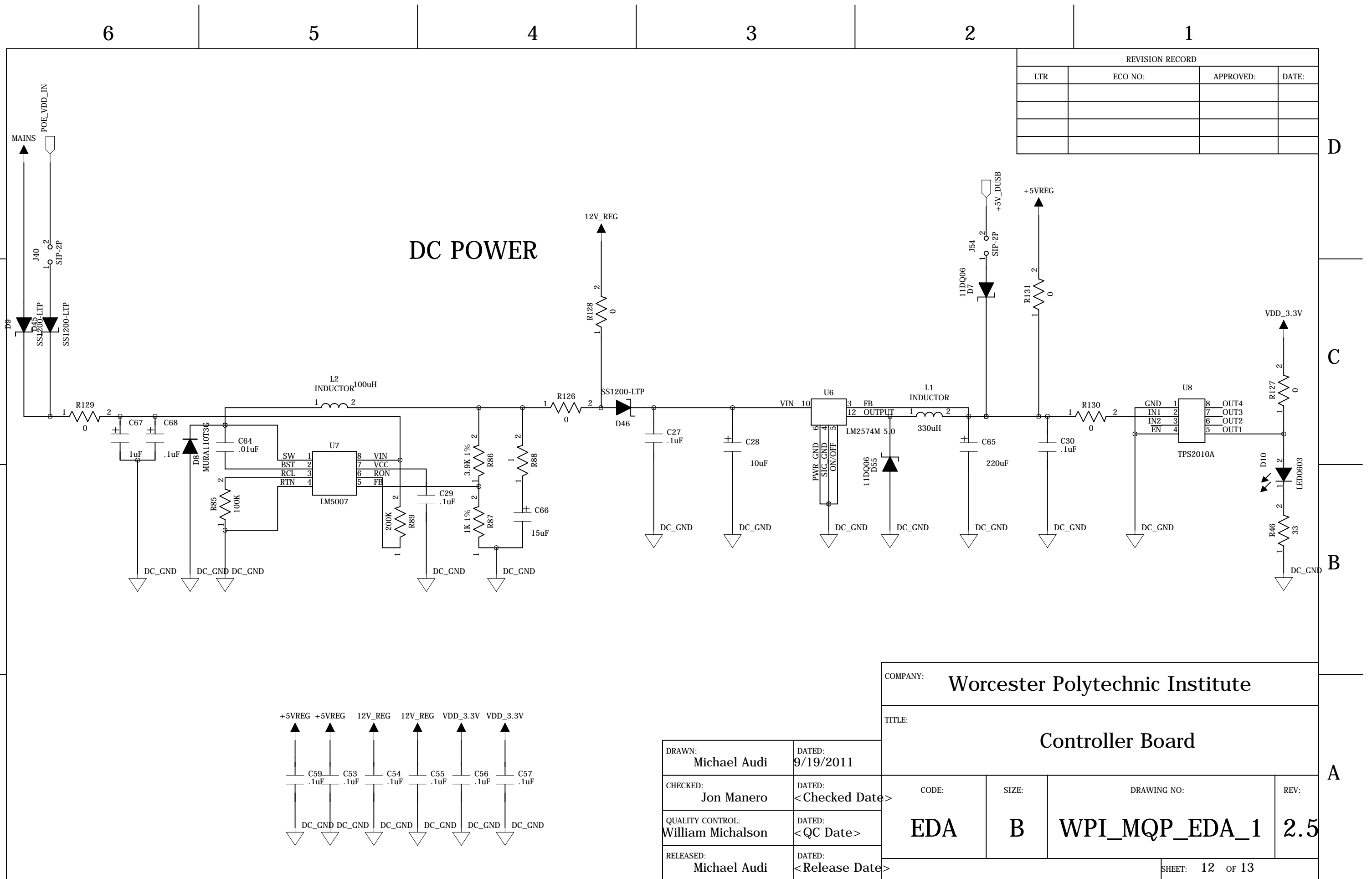


COMPANY: Worcester Polytechnic Institute			
TITLE: Controller Board			
CODE:	SIZE:	DRAWING NO:	REV:
EDA	B	WPI_MQP_EDA_1	2.5
SHEET: 6 OF 13			

DRAWN: Michael Audi	DATED: 9/19/2011
CHECKED: Jon Manero	DATED: <Checked Date>
QUALITY CONTROL: William Michalson	DATED: <QC Date>
RELEASED: Michael Audi	DATED: <Release Date>







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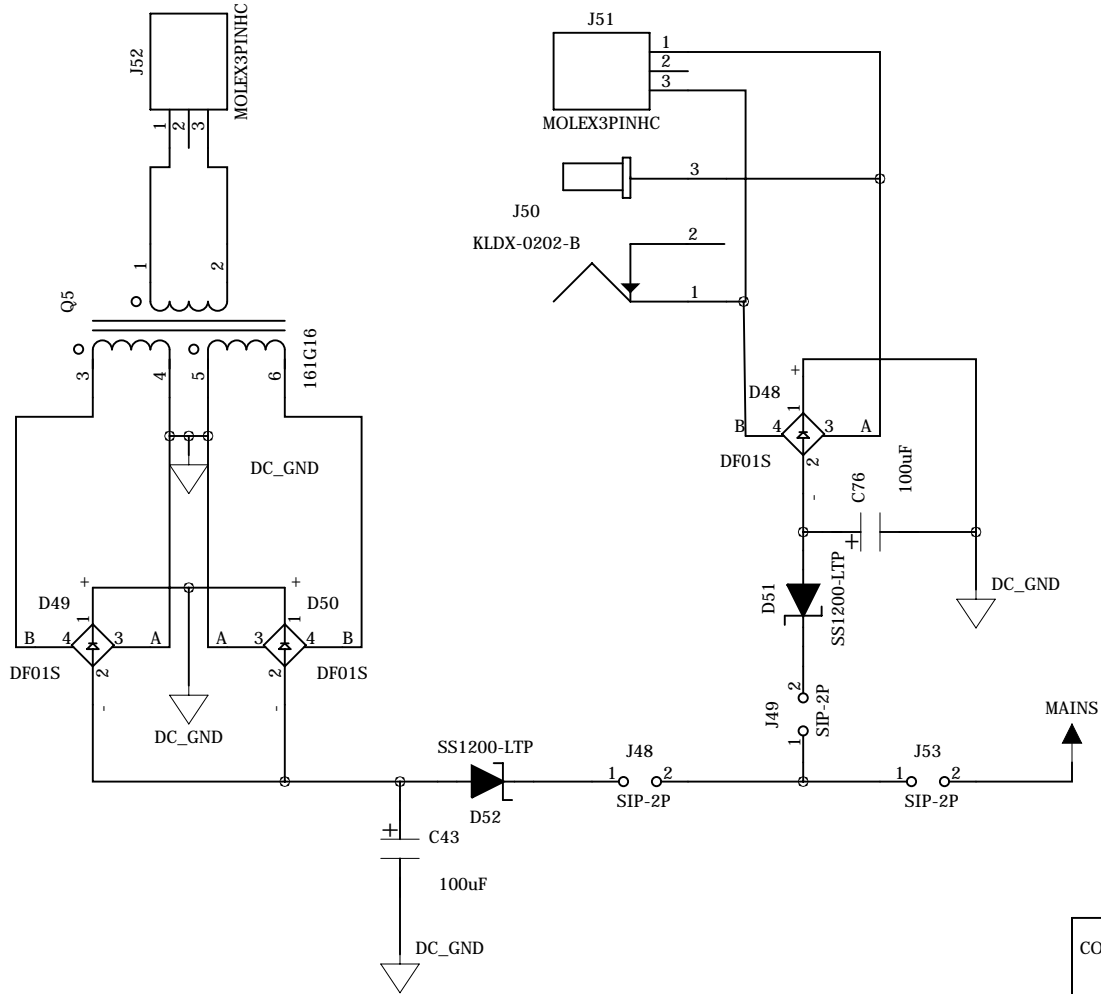
C

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REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

AC POWER 120VAC & 16-24VAC



COMPANY: Worcester Polytechnic Institute			
TITLE: Controller Board			
CODE:	SIZE:	DRAWING NO:	REV:
EDA	B	WPI_MQP_EDA_1	2.5
SHEET: 13 of 13			

DRAWN: Michael Audi	DATED: 9/19/2011
CHECKED: Jon Manero	DATED: <Checked Date>
QUALITY CONTROL: William Michalson	DATED: <QC Date>
RELEASED: Michael Audi	DATED: <Release Date>