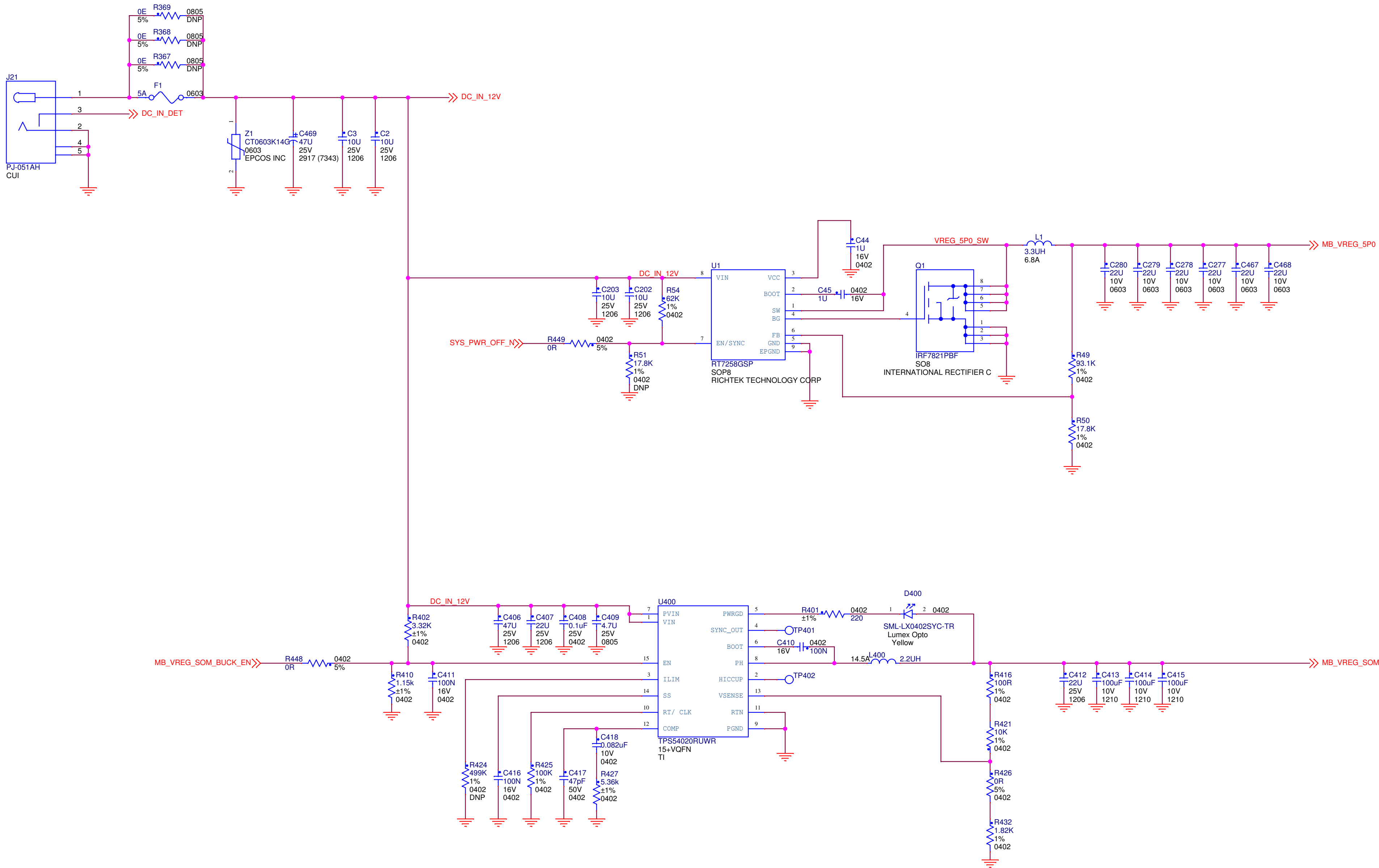


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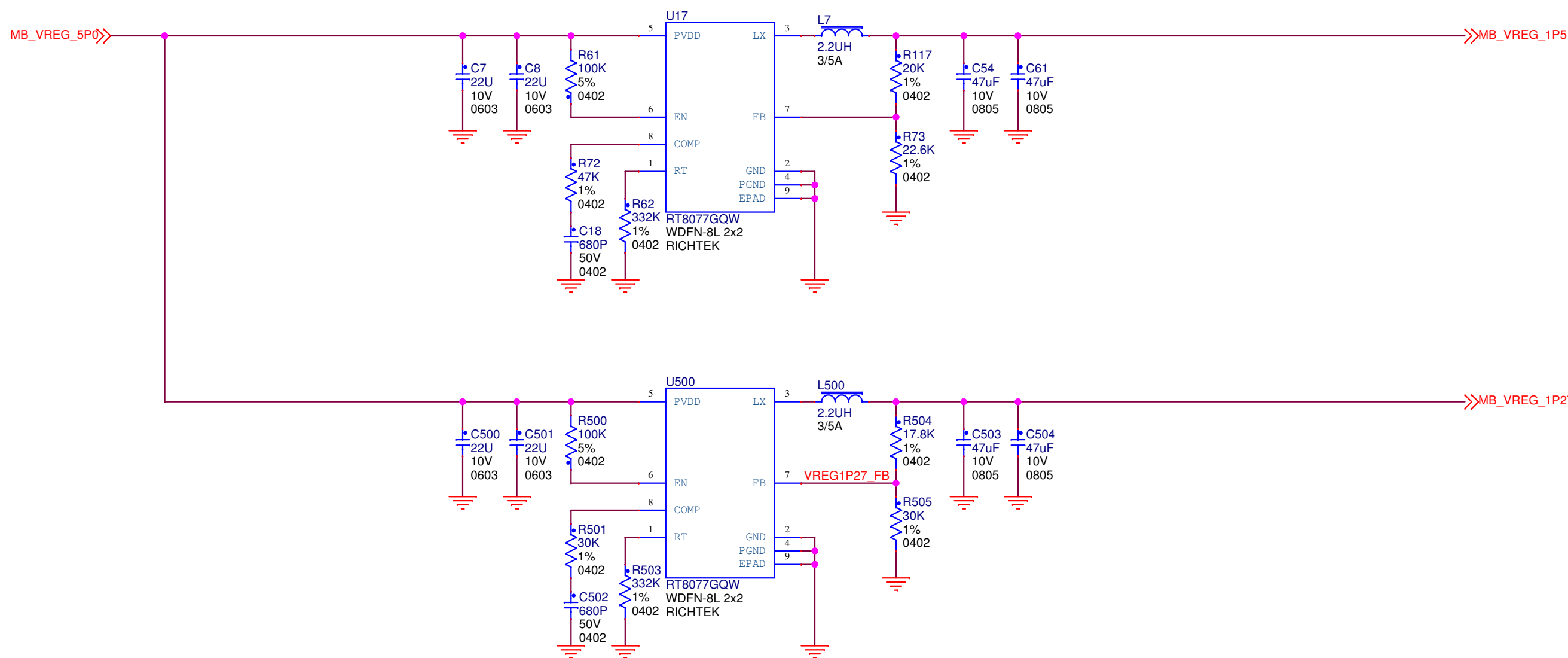
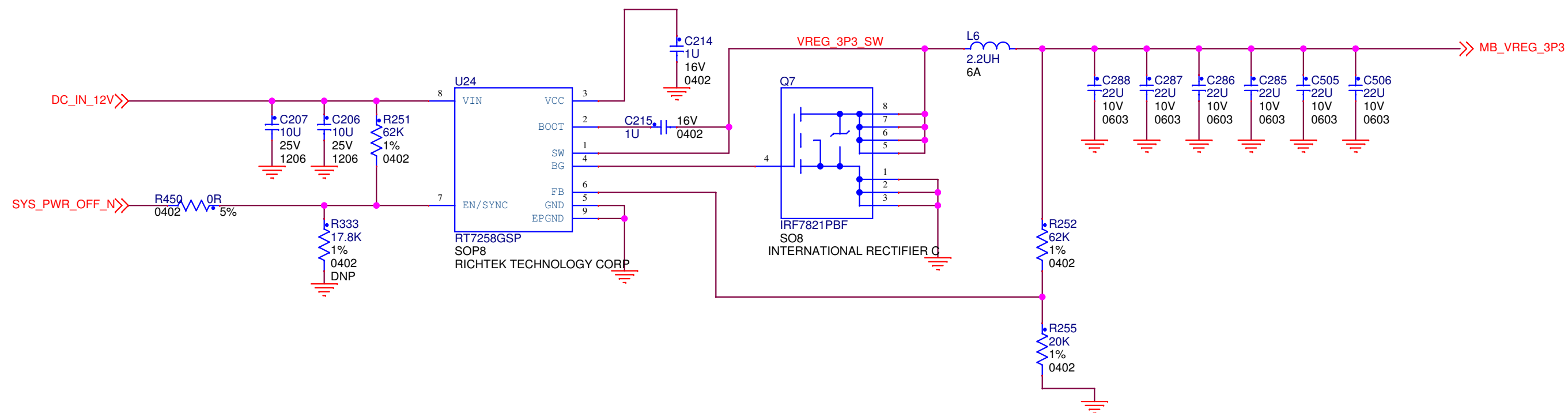
AMMDK Common Compute Board

SHEET TITLE:	INTERNAL CODE NAME:	PART NAME:	<div>ENTROPIC ENGINEERING</div> <div>Entropic Engineering LLC 670 Transfer Rd St Paul, MN 55114 United States Phone: +1 (612) 860 8901 Email: team@entreng.com</div> <div>© ENTROPIC ENGINEERING 2017</div>
[00] - Title Block	AMMDK	AMM Common Compute Board	
VARIANT ID	CLIENT PROJECT NAME:	PART NUMBER	
No Variant	Advanced Modular Manikin	100000	
DOCUMENT NUMBER:	CLIENT CONTRACT NUMBER:	AUTHOR:	
Q08SQ0RV	BPO27990	Matthew Pang	
REVISION	MAIN CONTRACT NUMBER:	APPROVED BY:	
0.1.0	W81XWH-14-C-0101	Benjamin Riggs	
RELEASE LEVEL:	PREPARED FOR CLIENT:	CHECKED BY:	
Draft	UW CREST	Gus O'Hanley	
Date: 2/14/2018	Time: 5:03:11 PM	Sheet 1 of	Size: A3
Distribution Statement: Approved for Public Release, Distribution Unlimited			



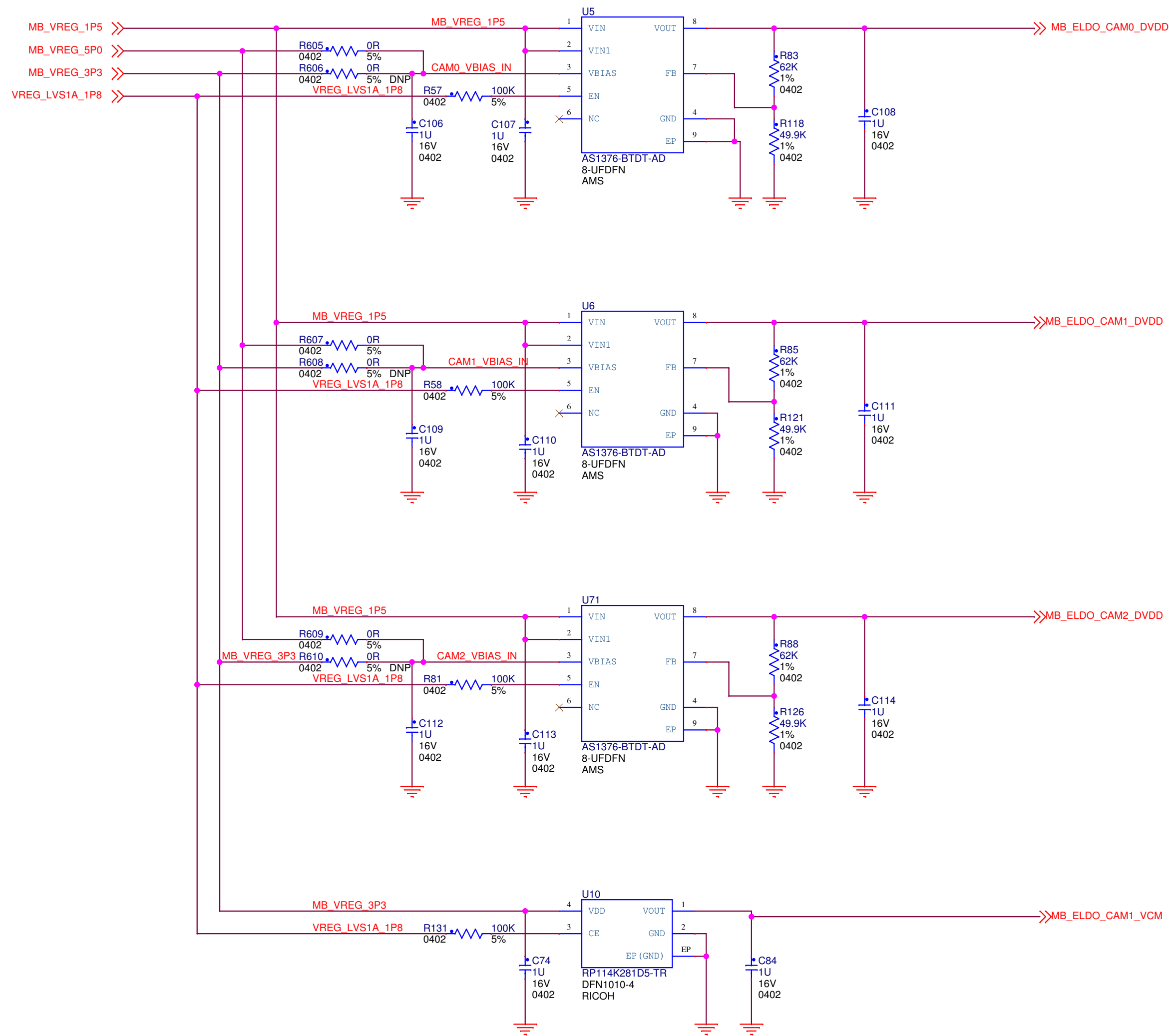
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POWER_REG-1				
SIZE C	DRAWING NO AMMDK-0A1			REV 1.0
	SCALE NONE	RELEASE DATE 07/02/2018	SHEET 5	OF 38

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



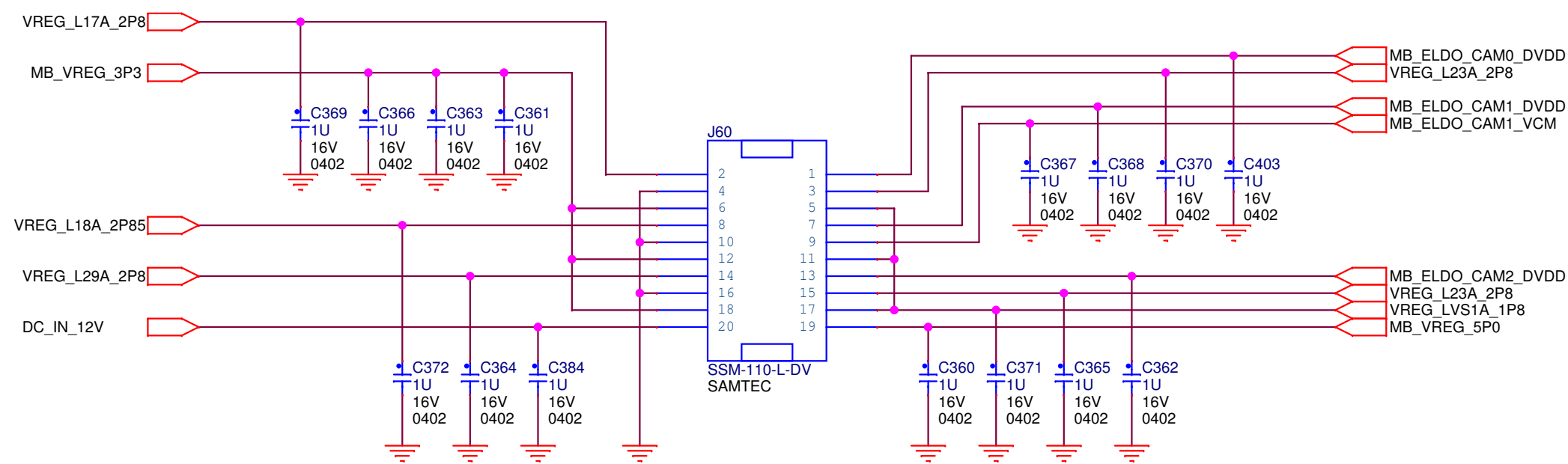
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Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



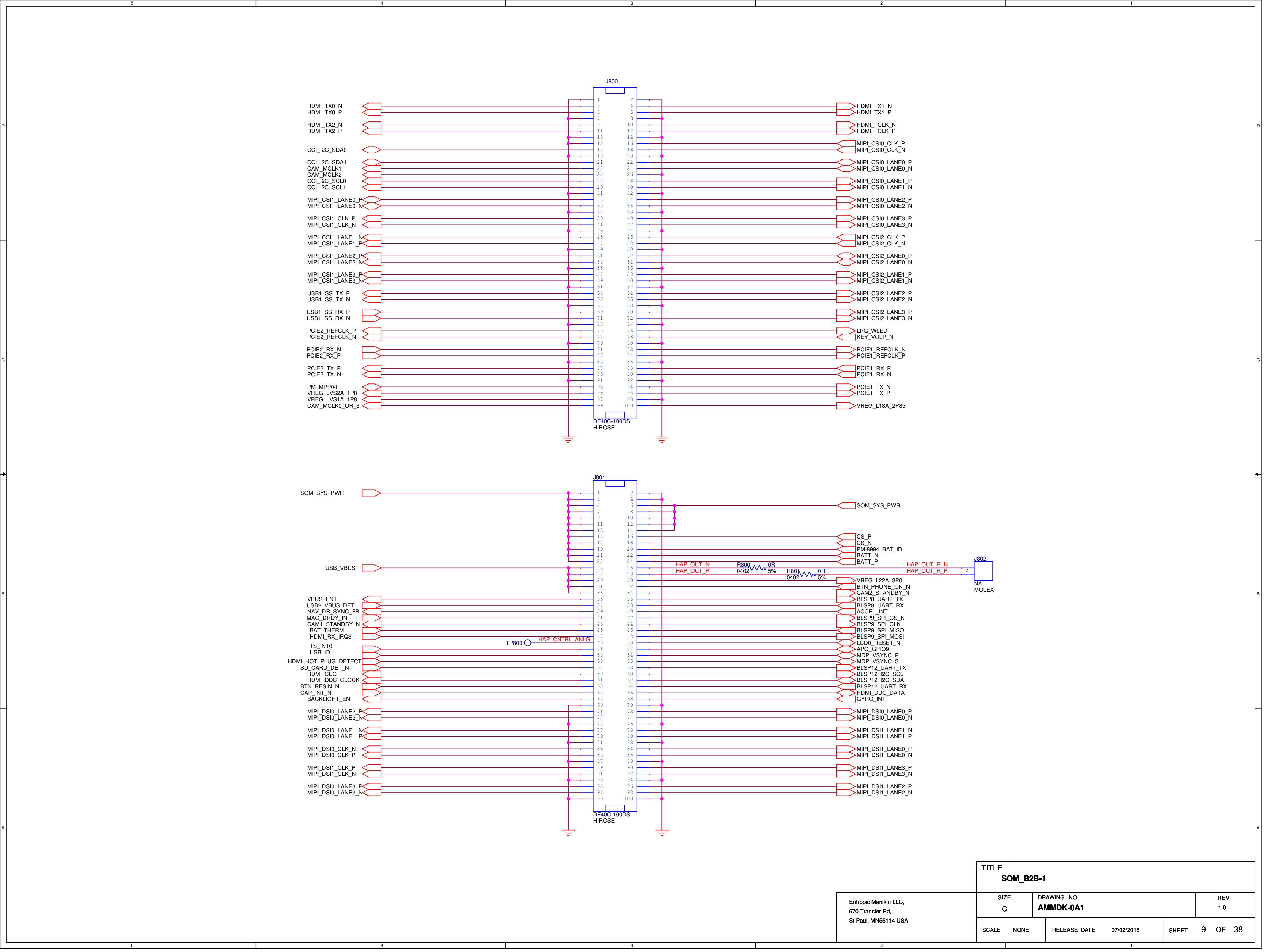
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Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

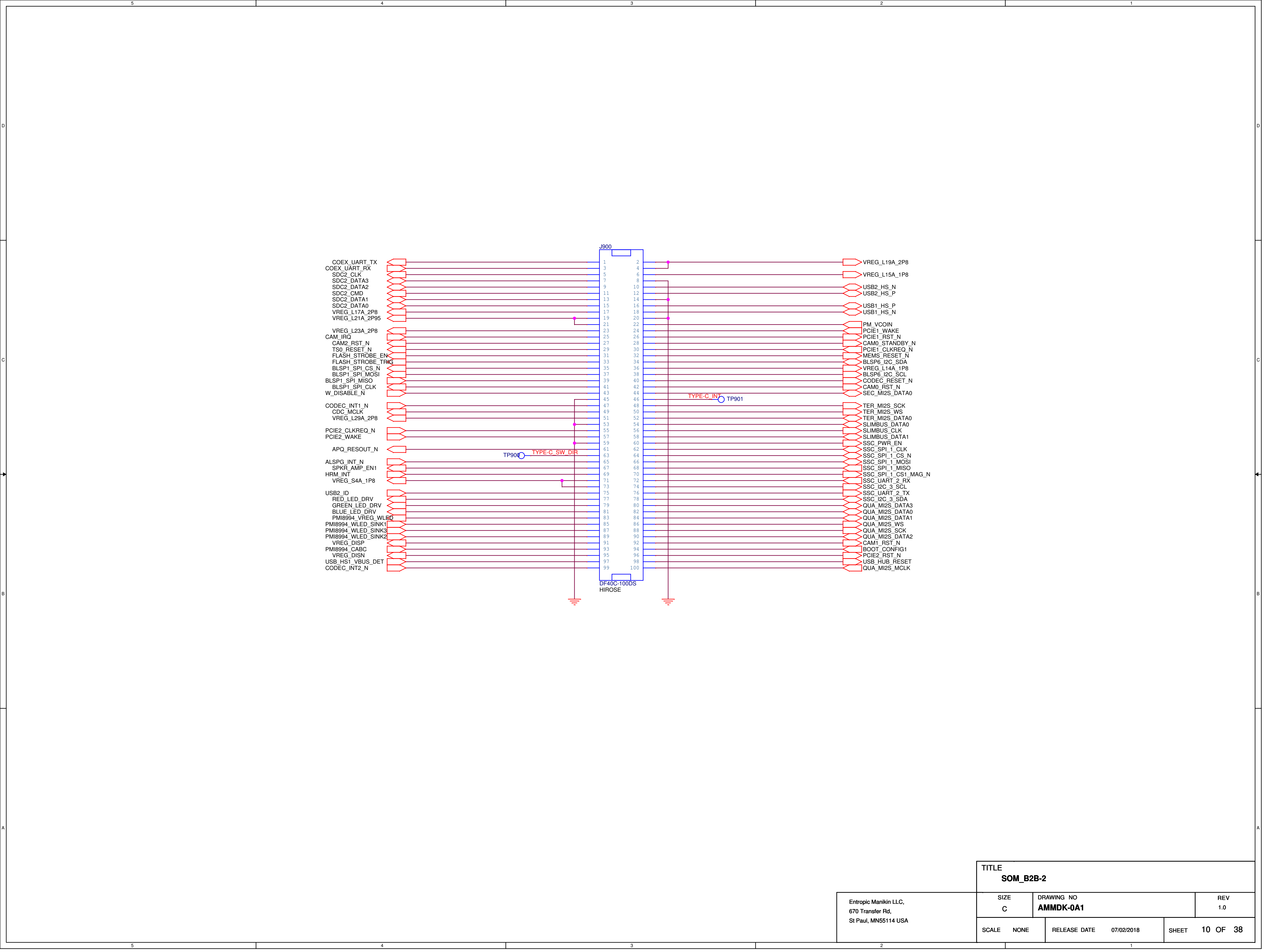


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SCALE NONE	RELEASE DATE 07/02/2018	SHEET 8	OF 38

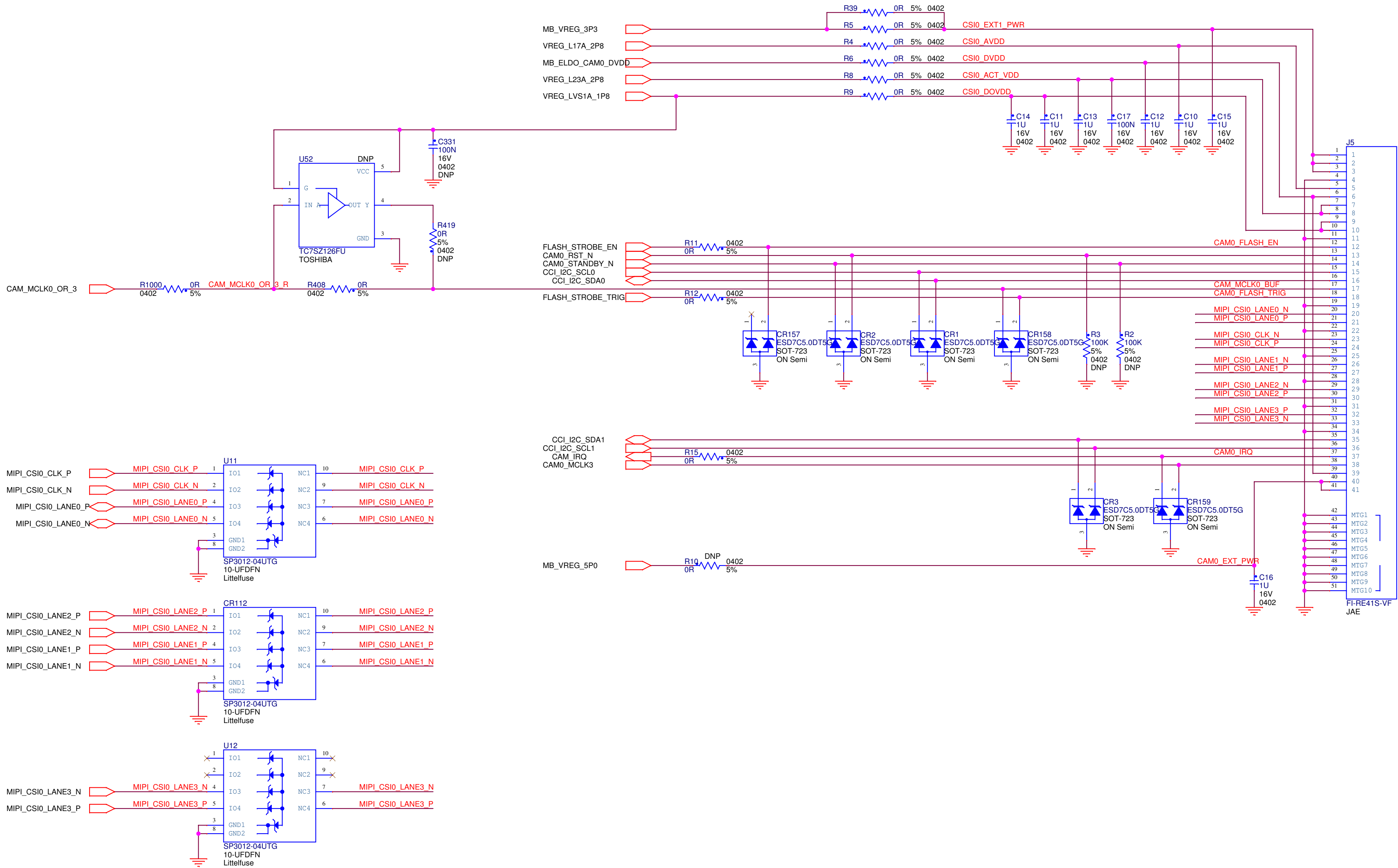
Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE			
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SCALE NONE		RELEASE DATE 07/02/2018	SHEET 9 OF 38



TITLE				
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Entropic Manikin LLC, 670 Transfer Rd, St Paul, MN55114 USA	SIZE C	DRAWING NO AMMDK-0A1		REV 1.0
	SCALE NONE	RELEASE DATE 07/02/2018	SHEET 10 OF	38



TITLE
CAM0_EXPANSION

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

SIZE
C

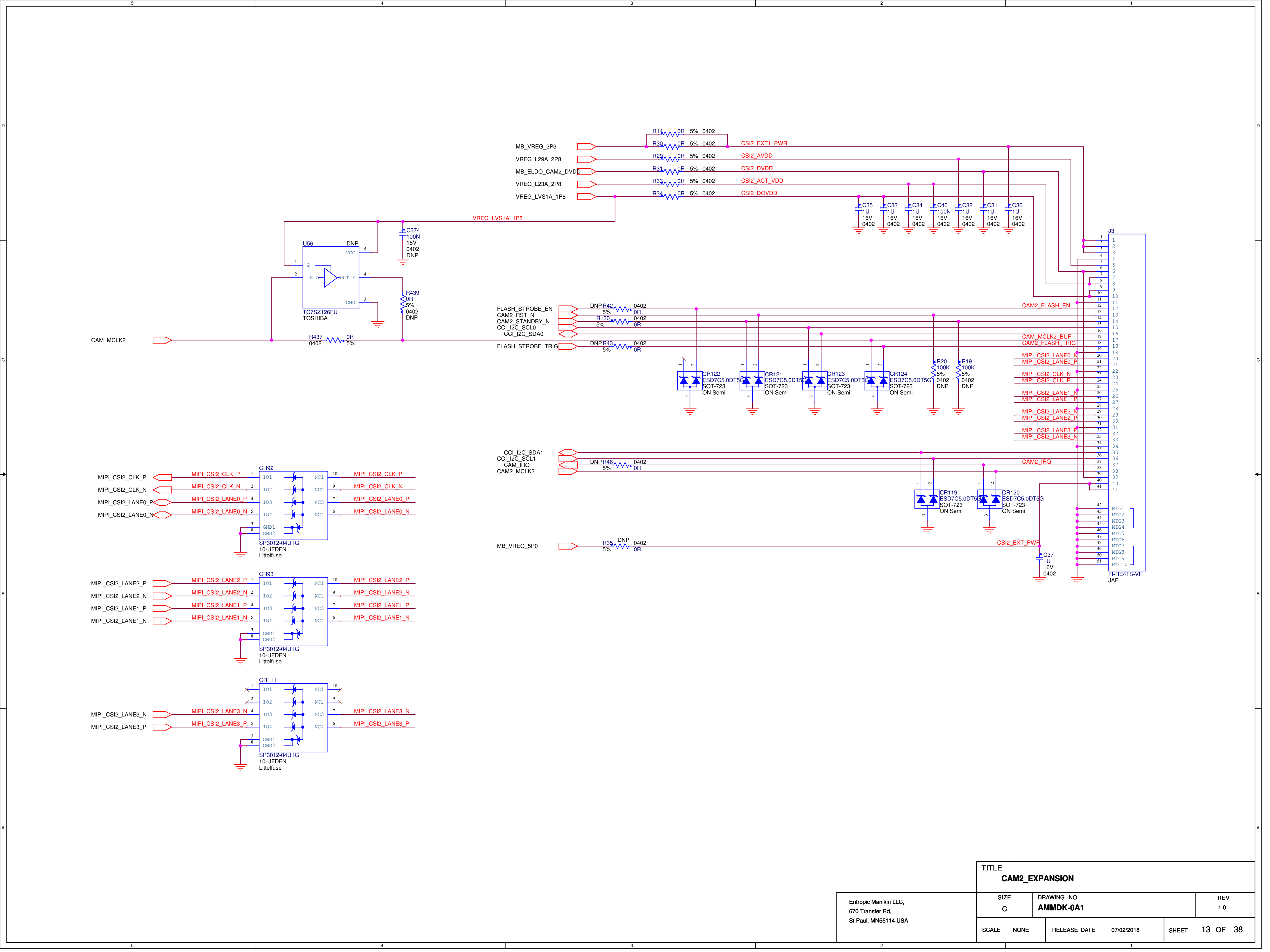
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AMMDK-0A1

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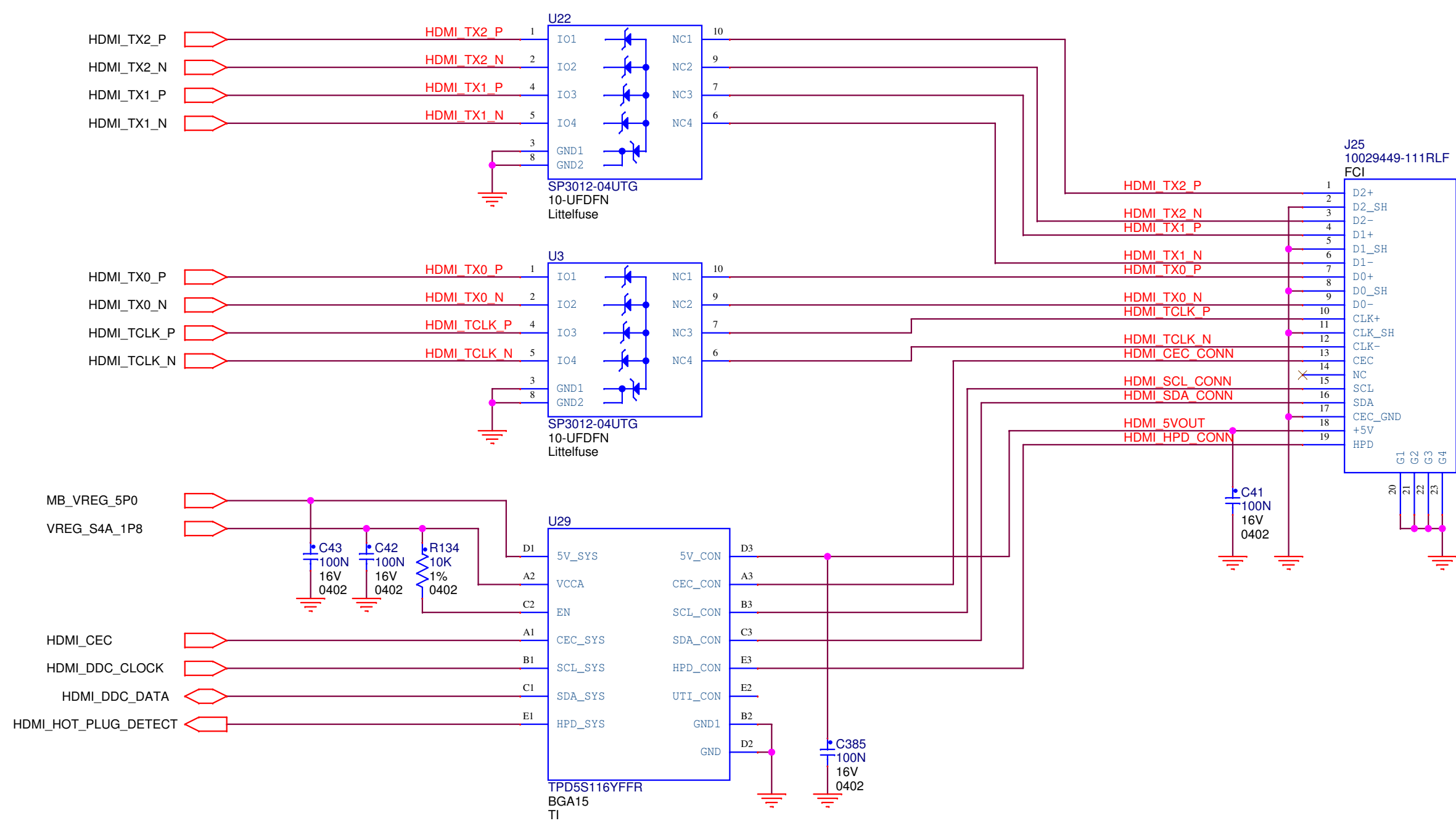
RELEASE DATE 07/02/2018

SHEET 11 OF 38



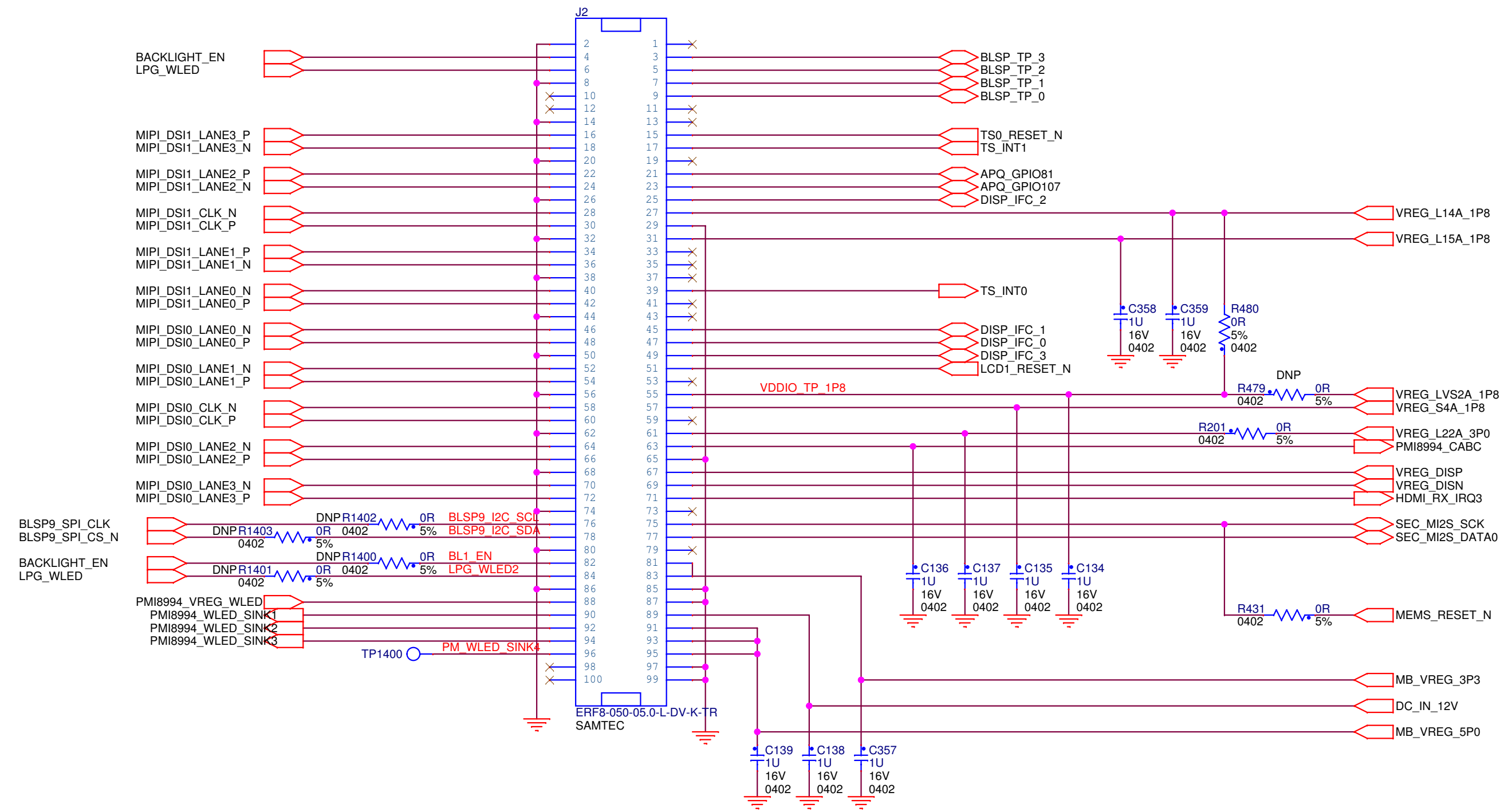
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Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE			
HDMI_TYPE_A			
SIZE	DRAWING NO		REV
C	AMMDK-0A1		1.0
SCALE	NONE	RELEASE DATE	SHEET
		07/02/2018	14 OF 38

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE
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Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

SIZE
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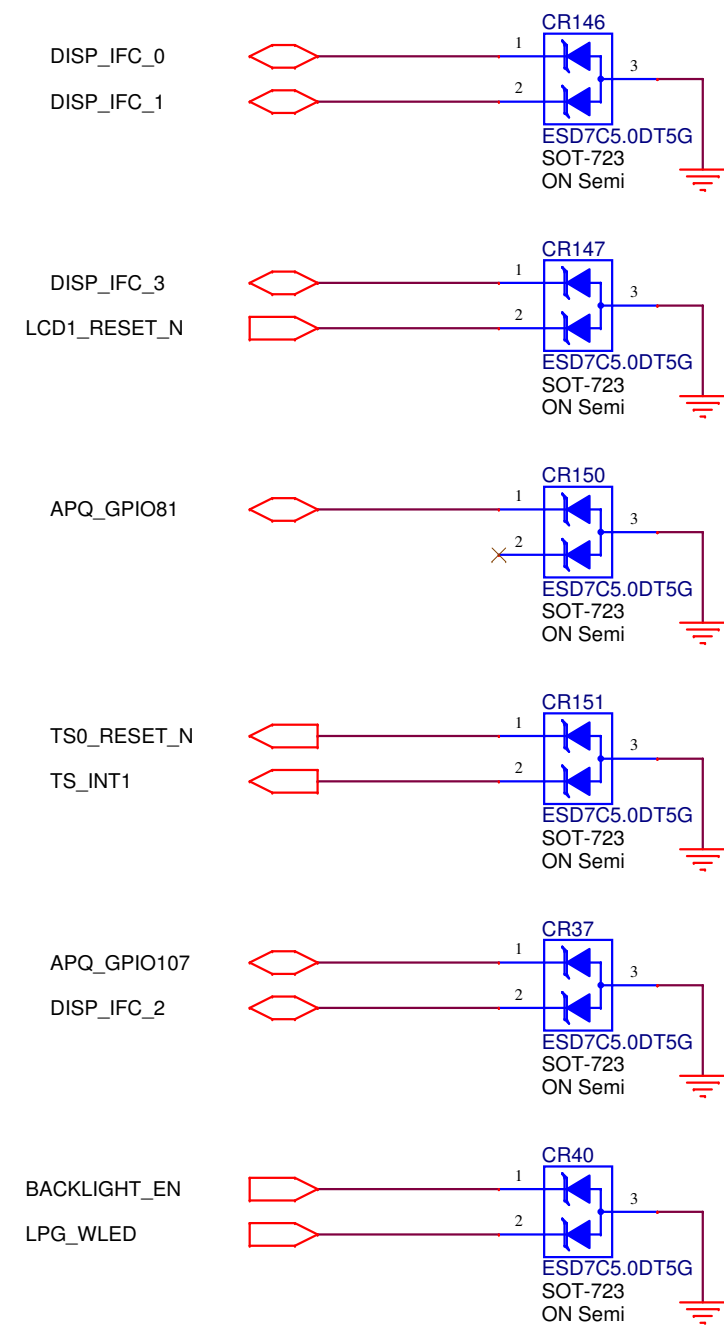
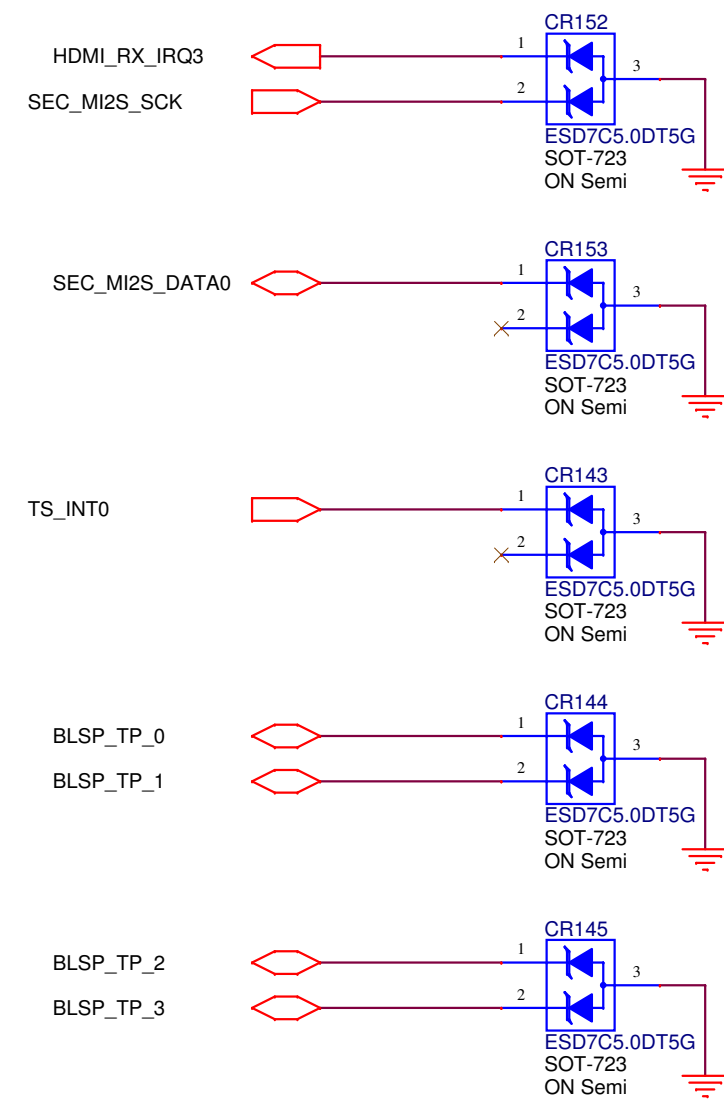
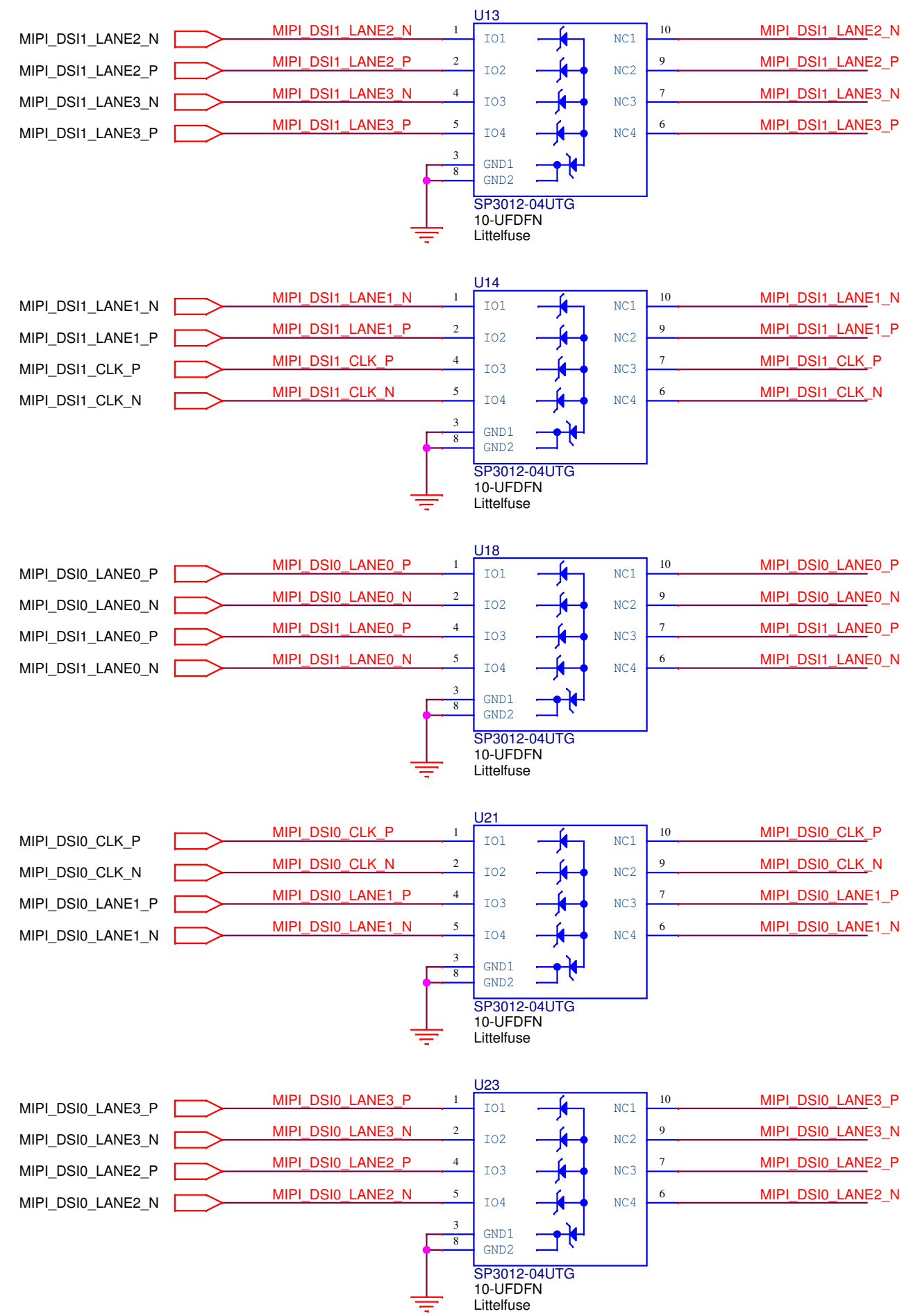
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AMMDK-0A1

REV
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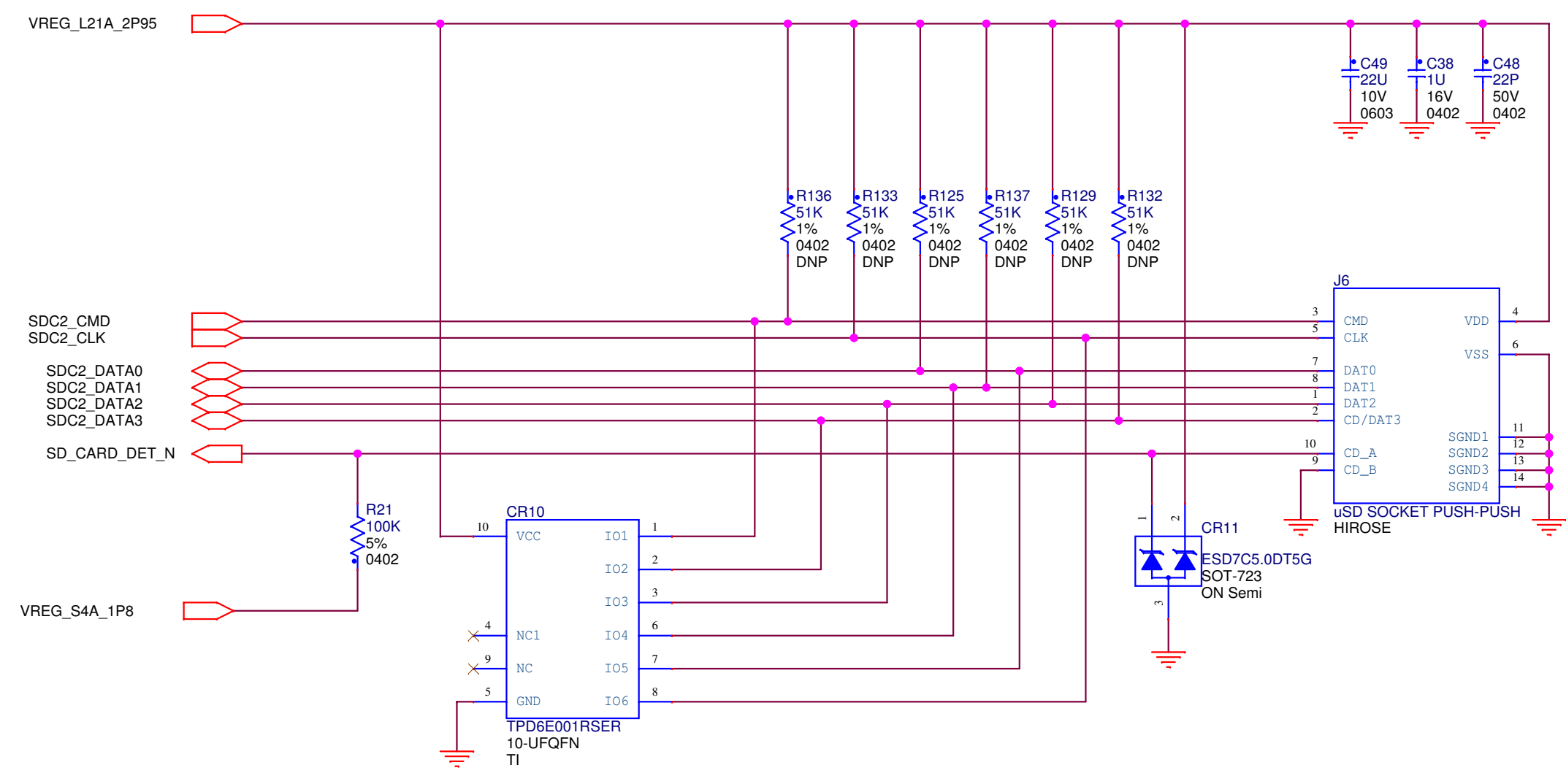
RELEASE DATE 07/02/2018

SHEET 15 OF 38



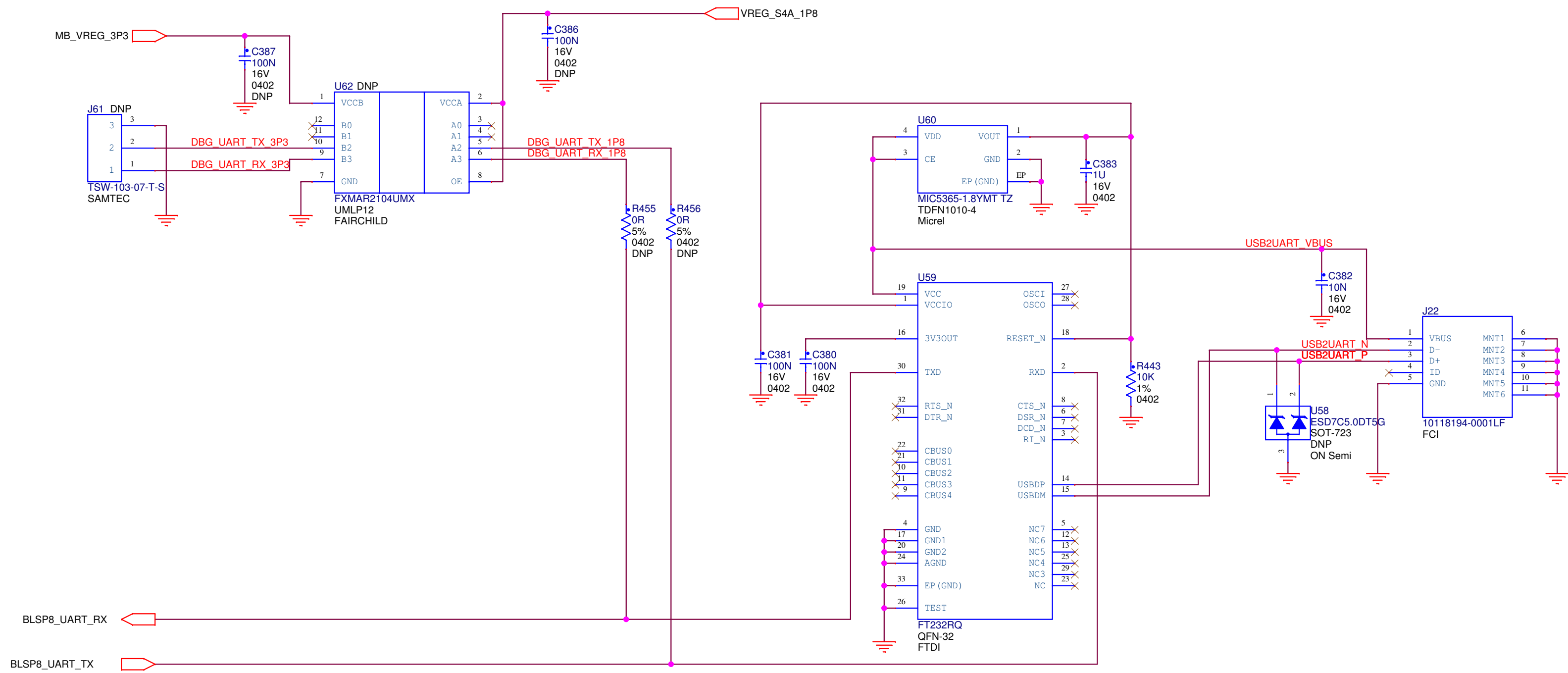
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Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



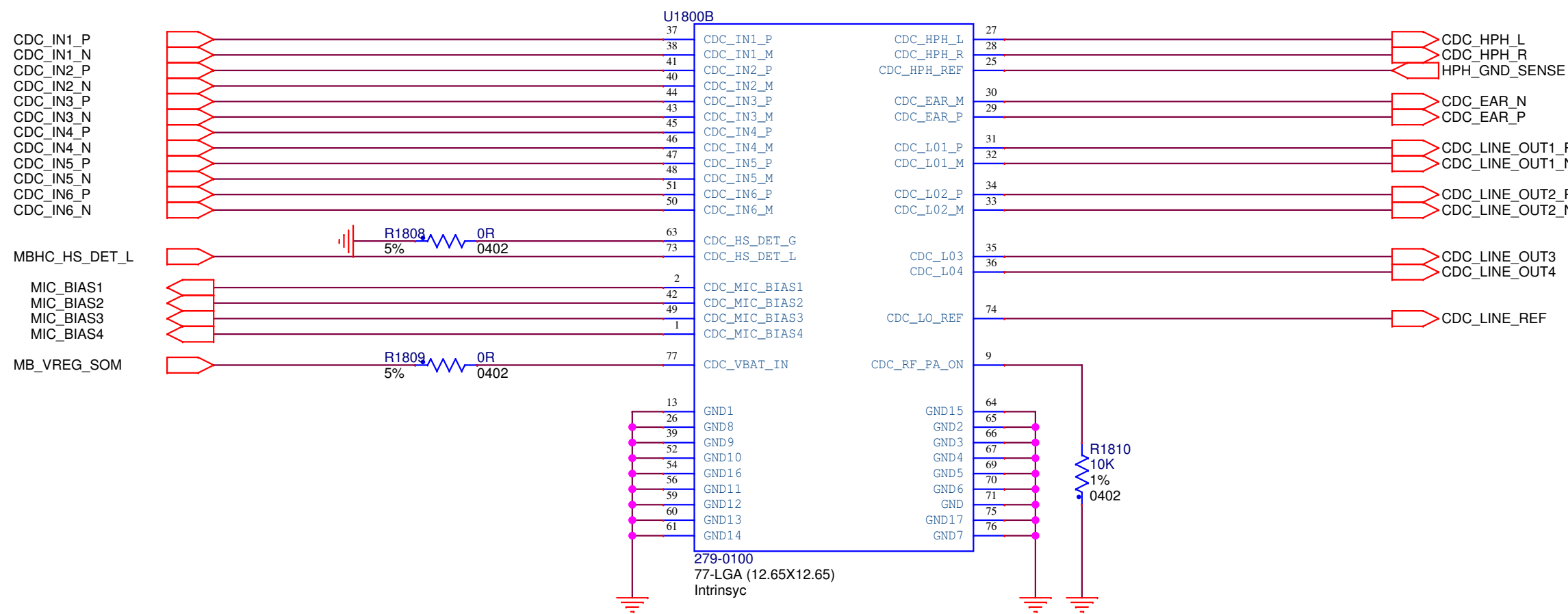
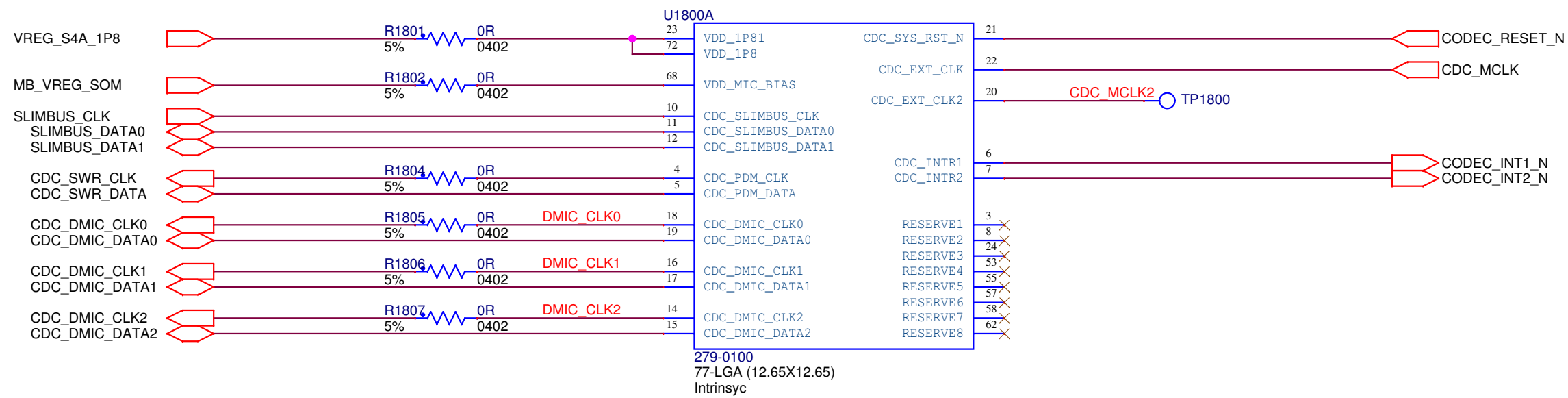
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C	AMMDK-0A1		1.0
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		07/02/2018	17 OF 38

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



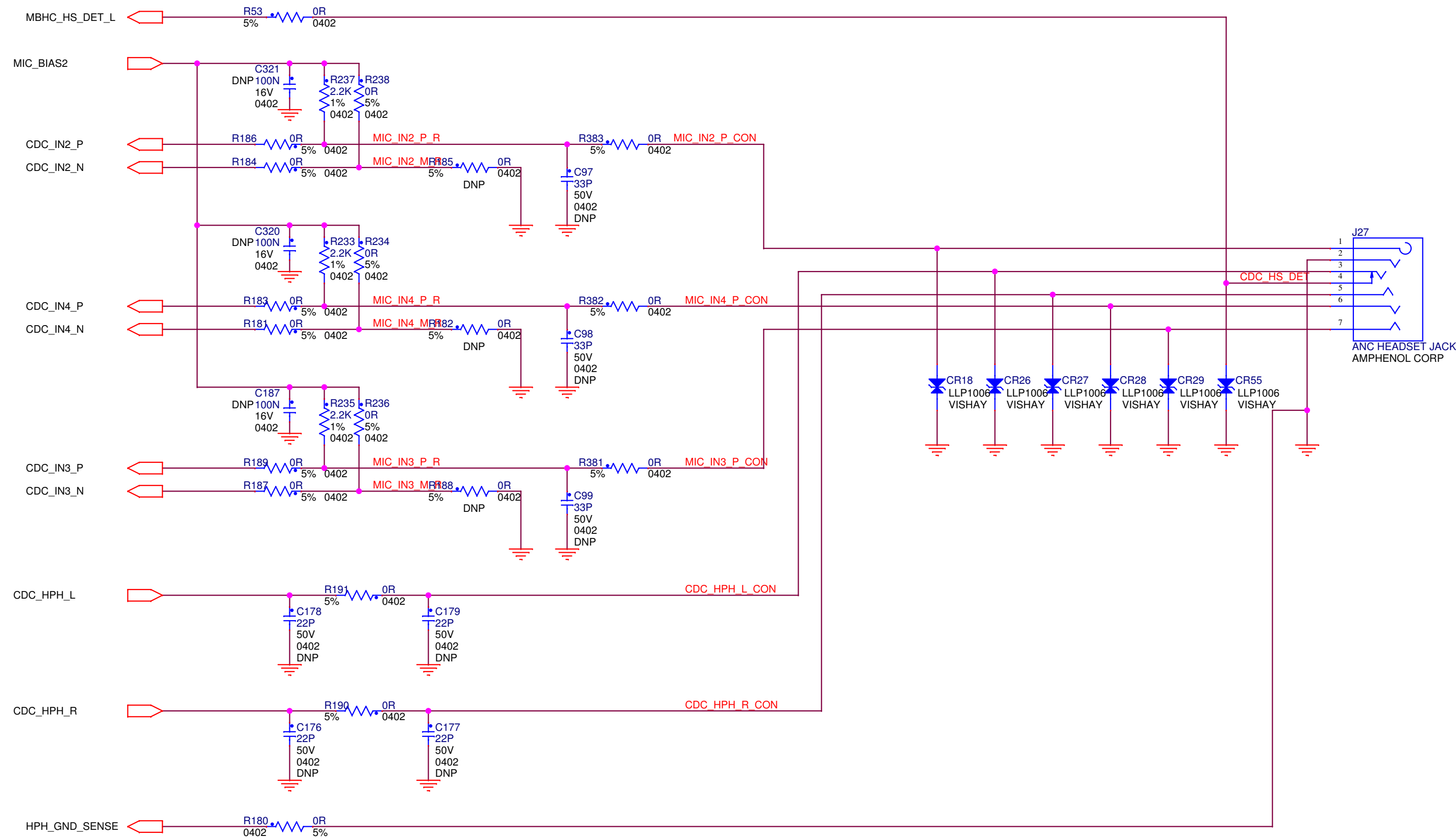
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Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE AUDIO_CODEC			
SIZE C	DRAWING NO AMMDK-0A1		REV 1.0
SCALE NONE	RELEASE DATE 07/02/2018	SHEET 19 OF 38	

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE
AUDIO_HEADSET_JACK

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

SIZE
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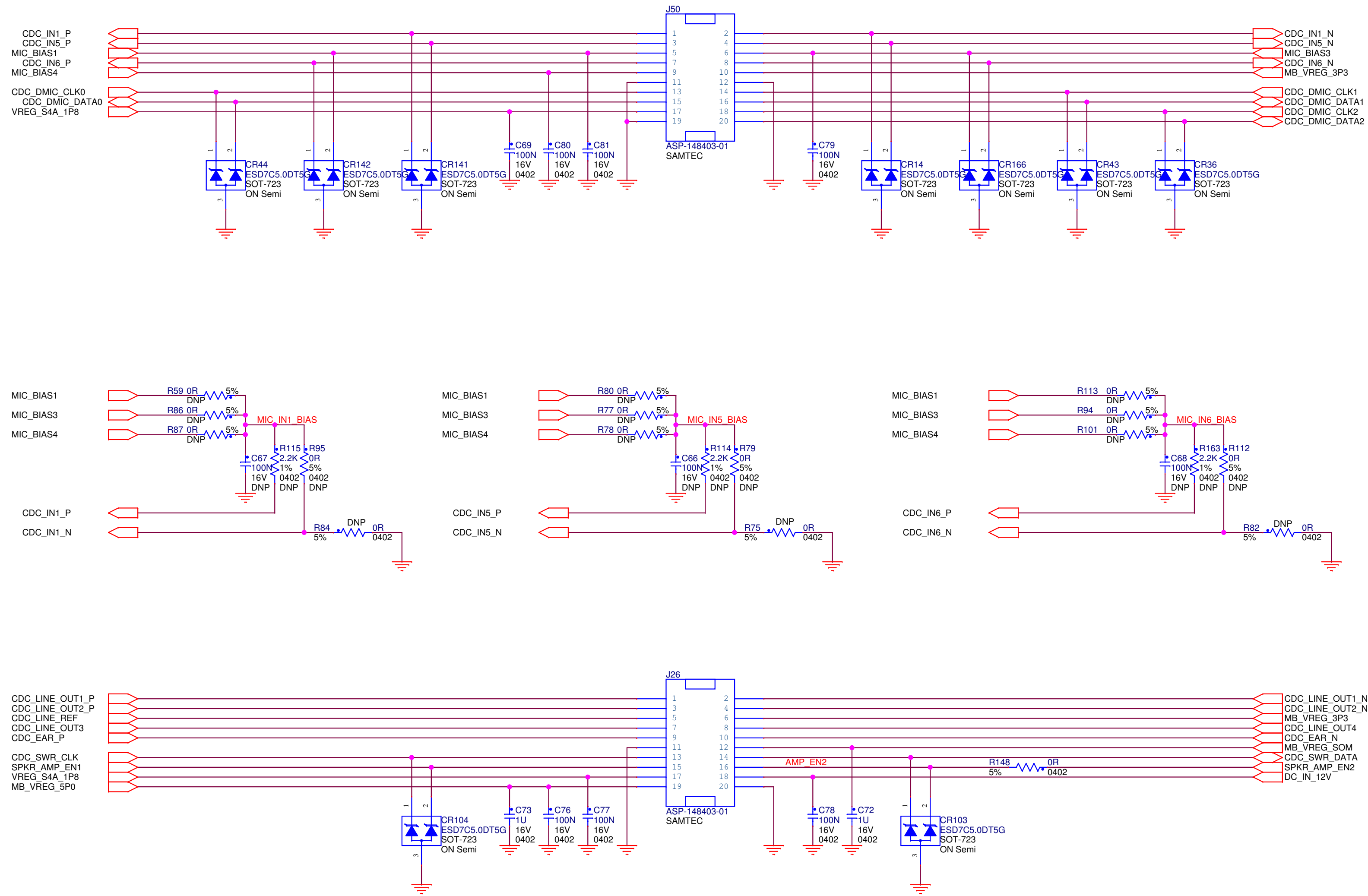
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REV
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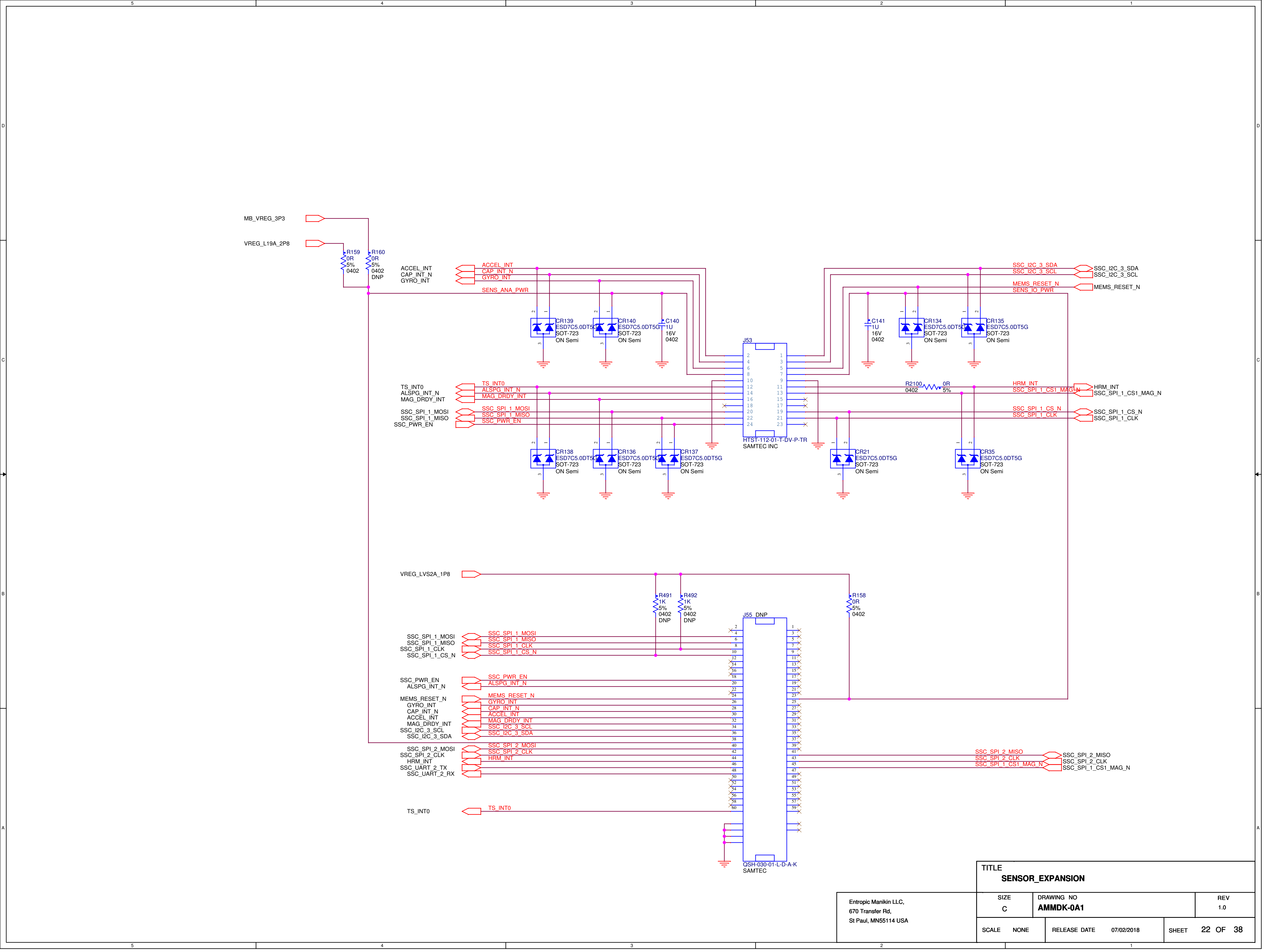
RELEASE DATE 07/02/2018

SHEET 20 OF 38



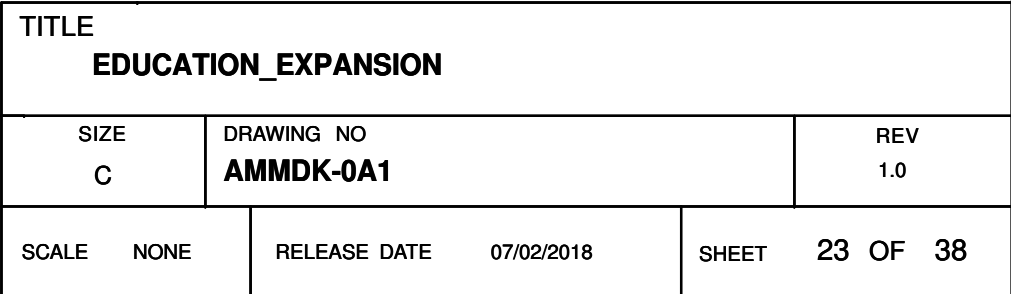
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		07/02/2018	21 OF 38

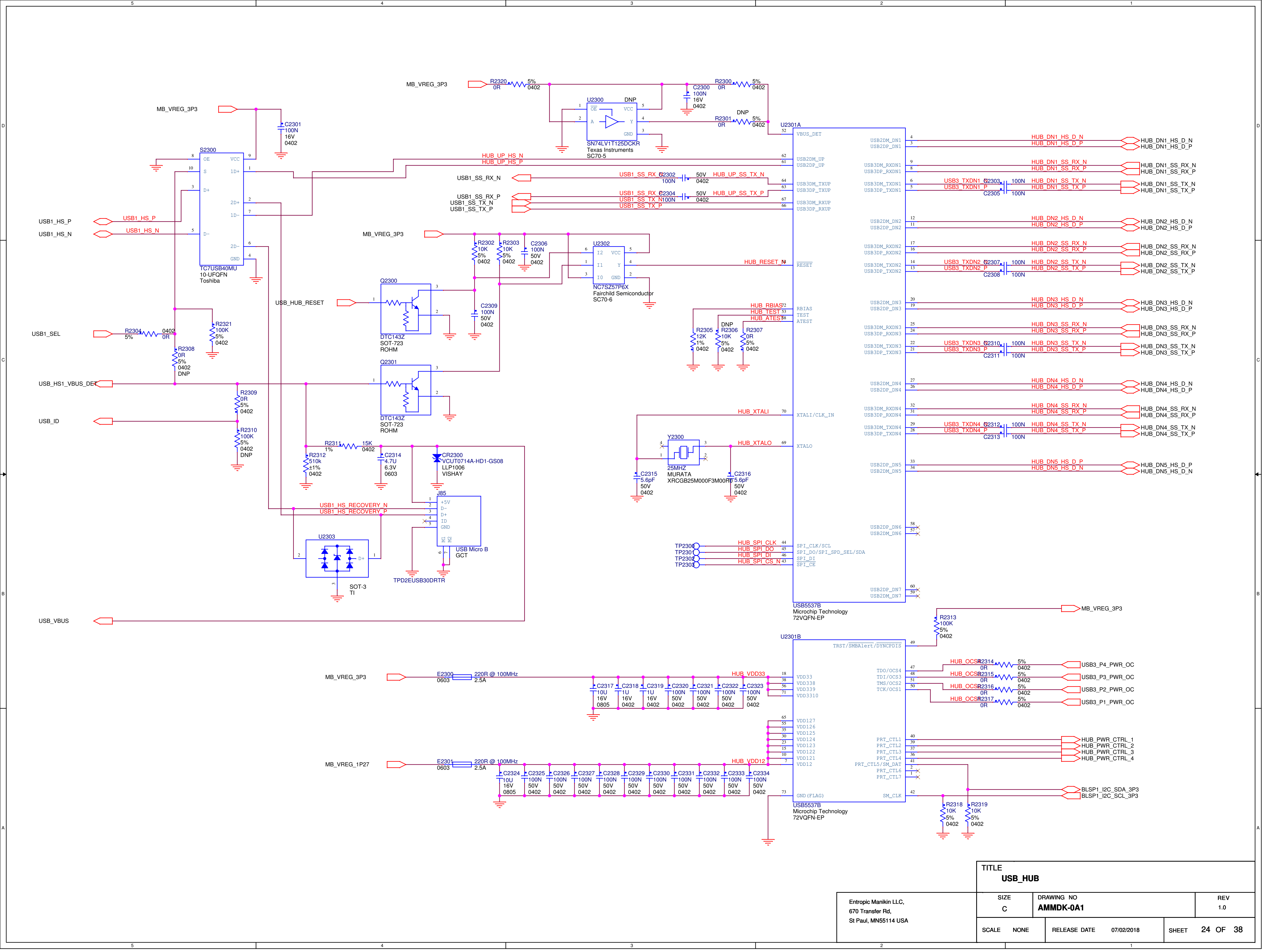
Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE			
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		07/02/2018	22 OF 38

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

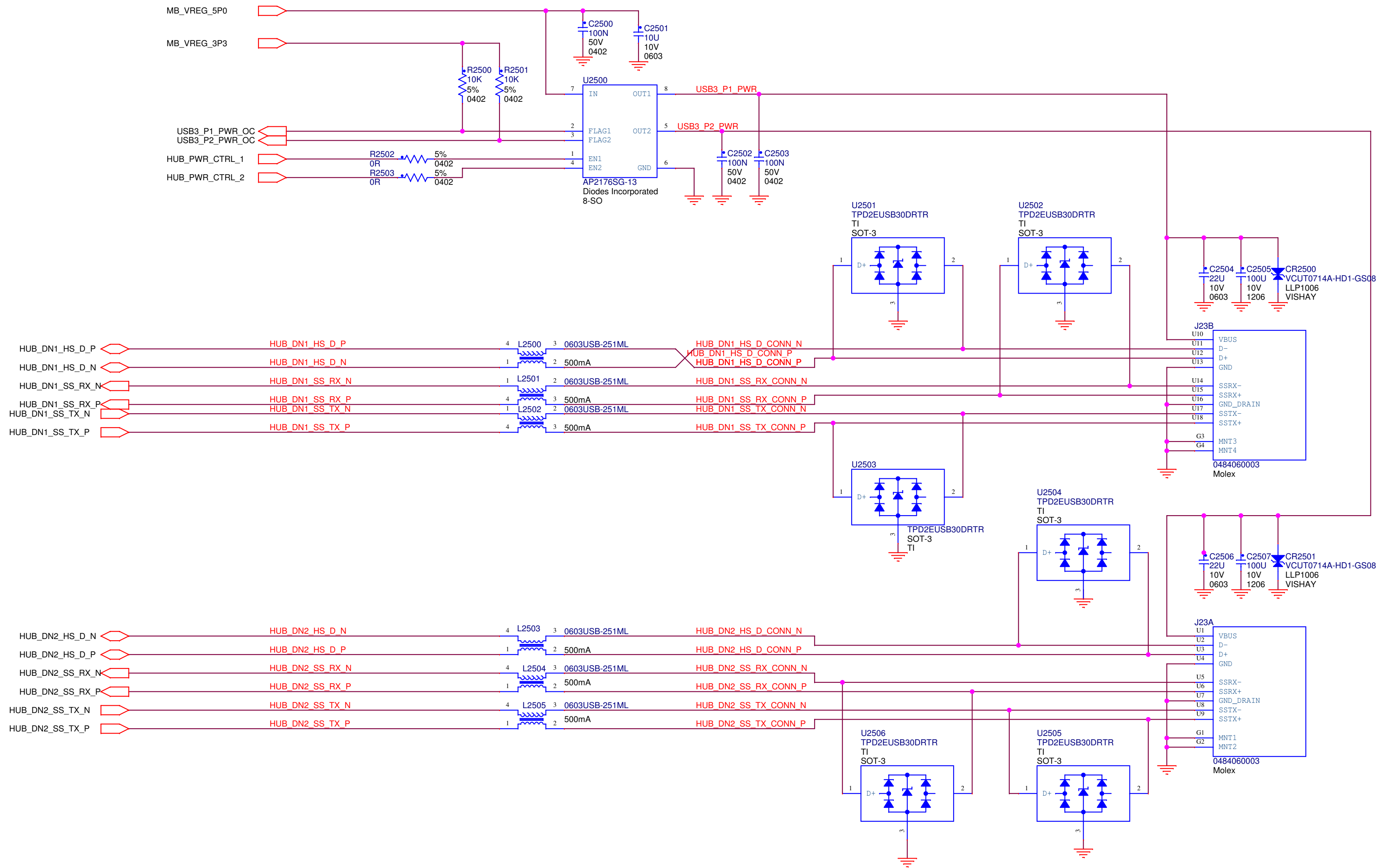




TITLE
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Entropic Manik LLC,
670 Transfer Rd,
St Paul, MN55114 USA

SIZE	DRAWING NO	REV
C	AMMDK-0A1	1.0
SCALE	RELEASE DATE	SHEET
NONE	07/02/2018	24 OF 38



TITLE
USB_SS_PORTS

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

SIZE
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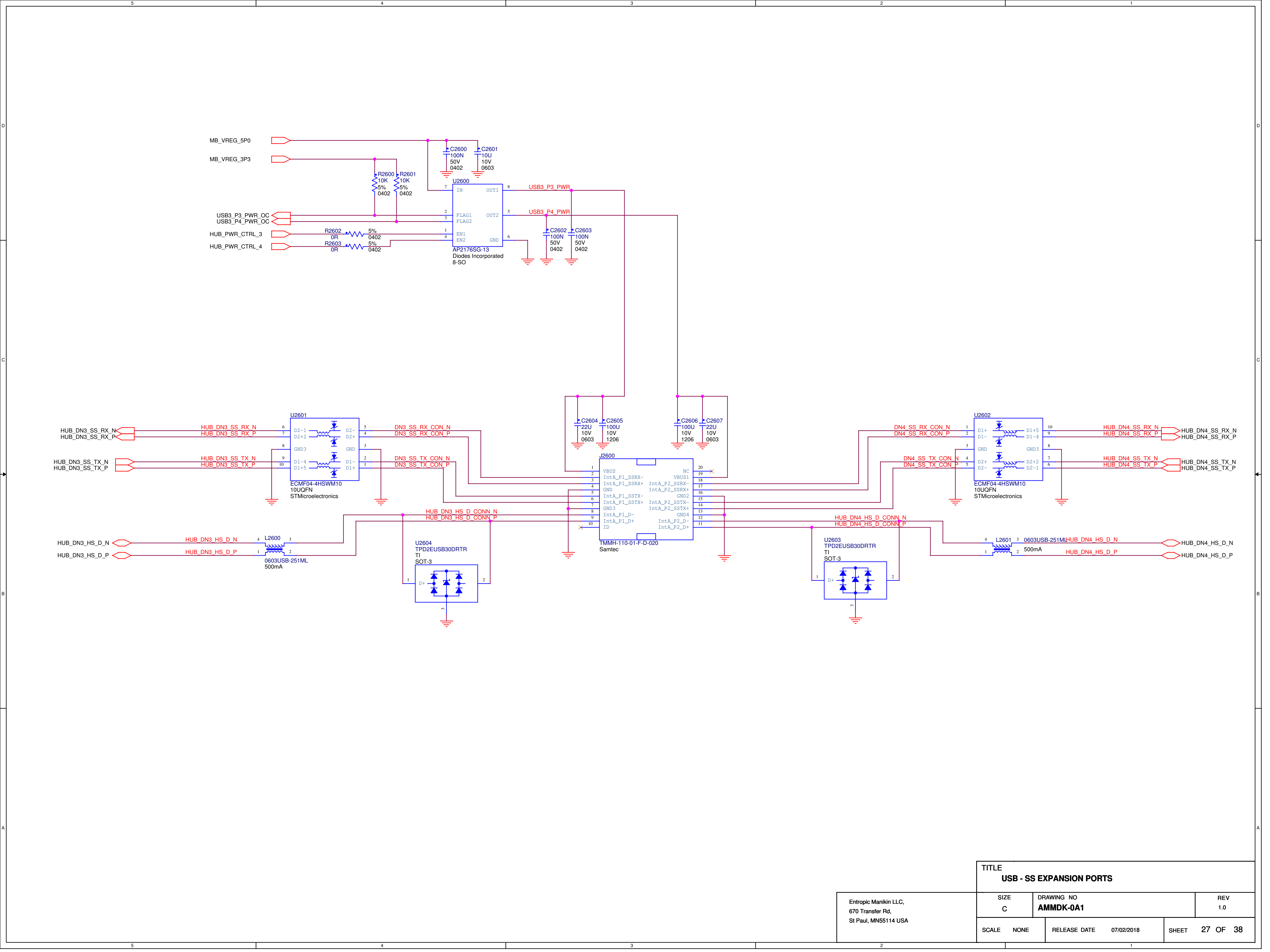
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REV
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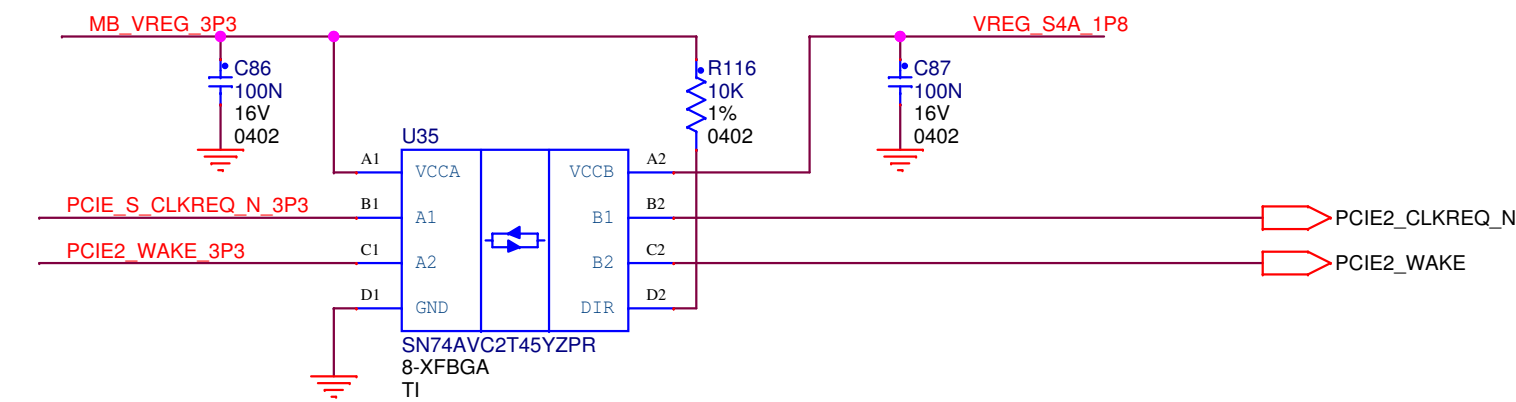
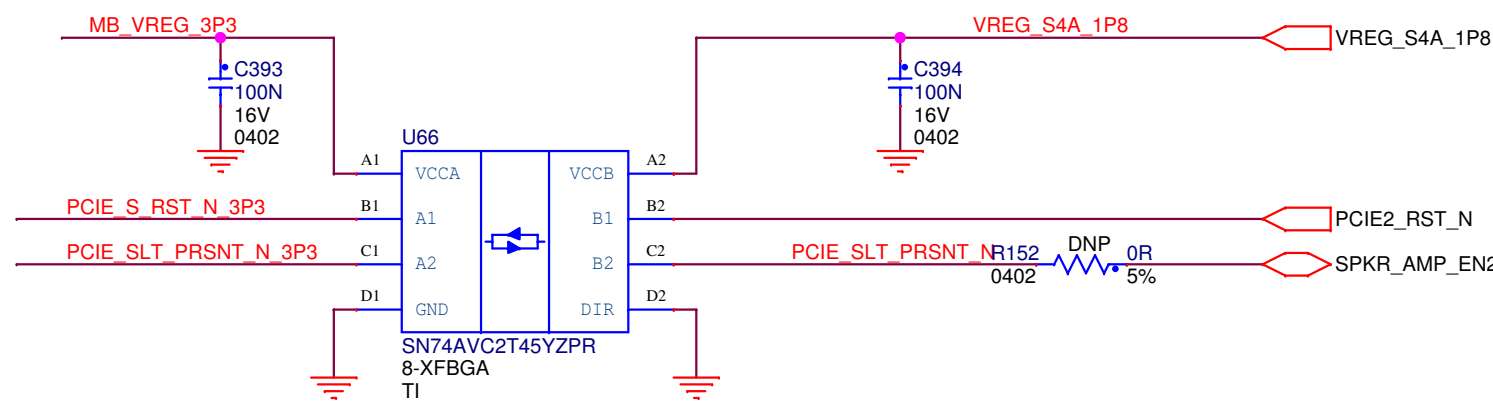
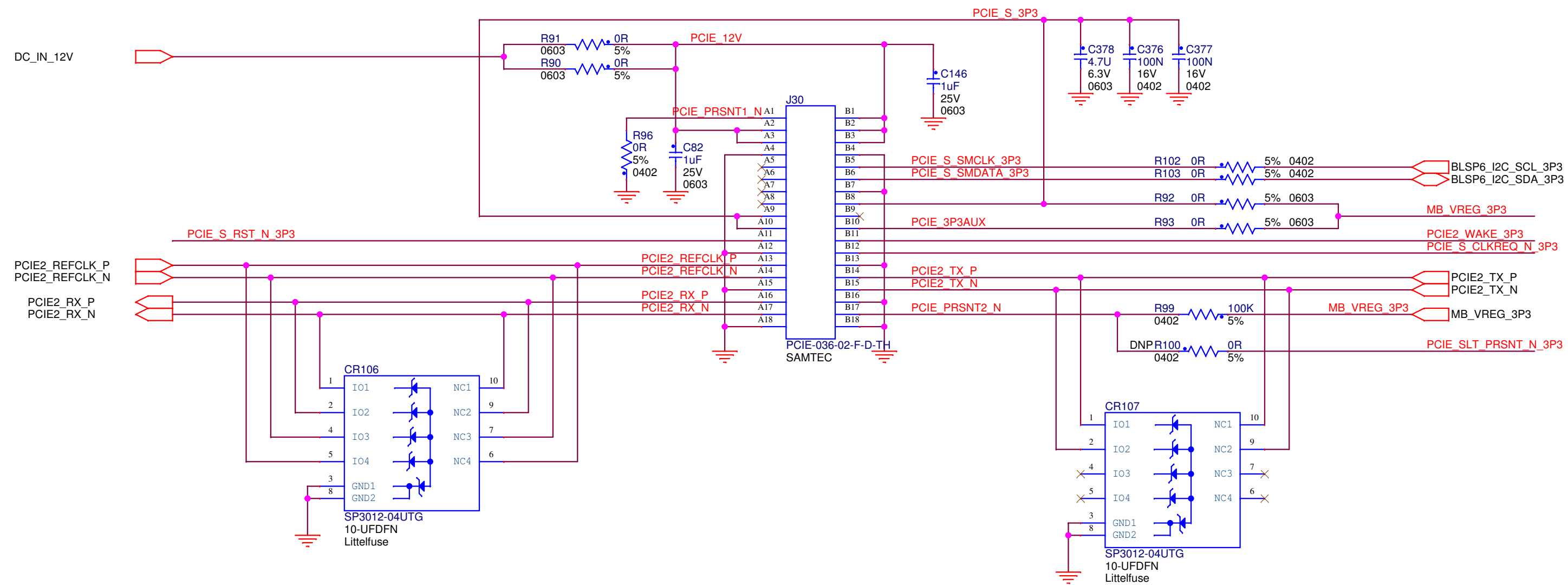
RELEASE DATE 07/02/2018

SHEET 26 OF 38



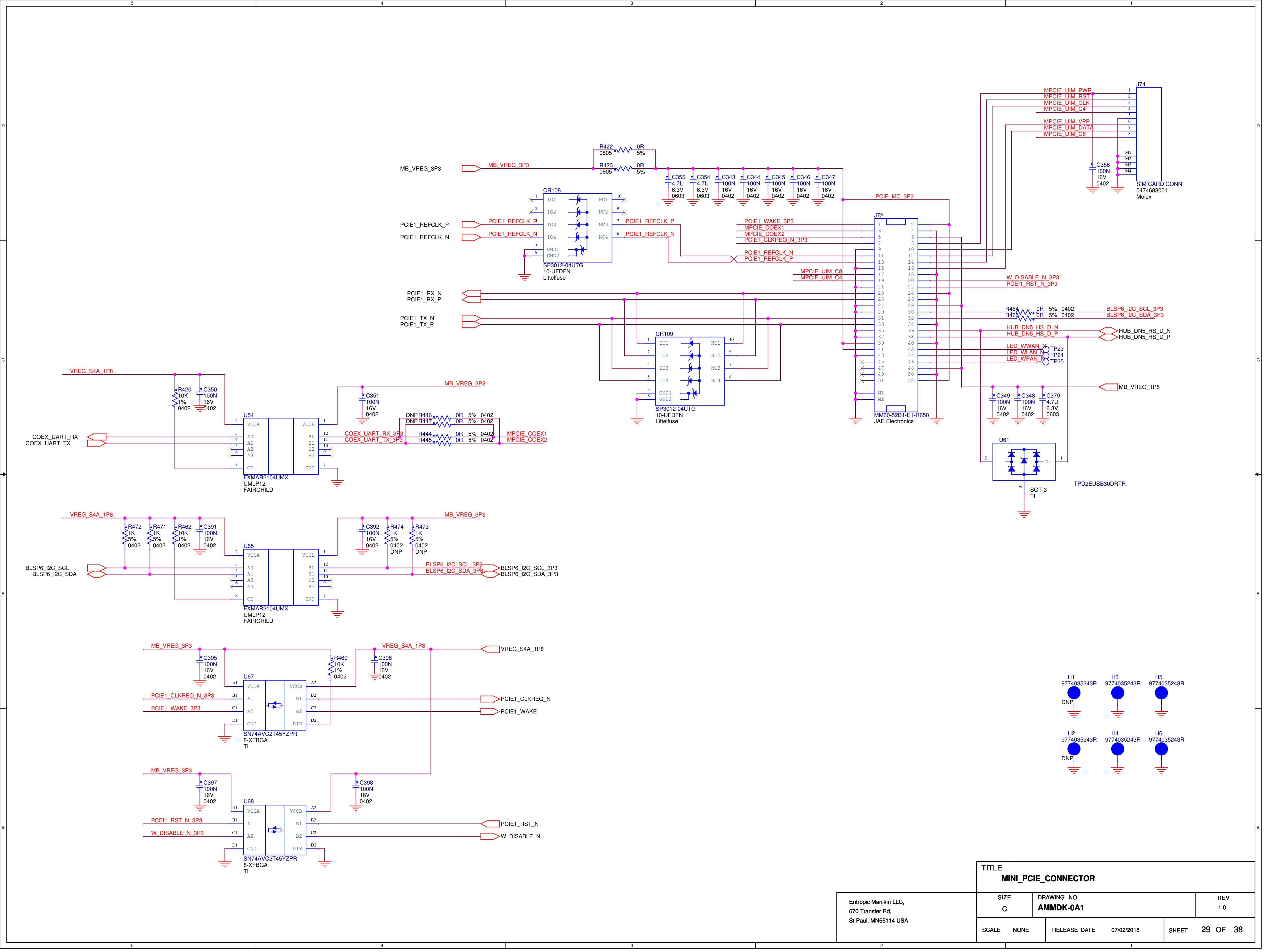
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SCALE	NONE	RELEASE DATE	SHEET
		07/02/2018	27 OF 38

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE				
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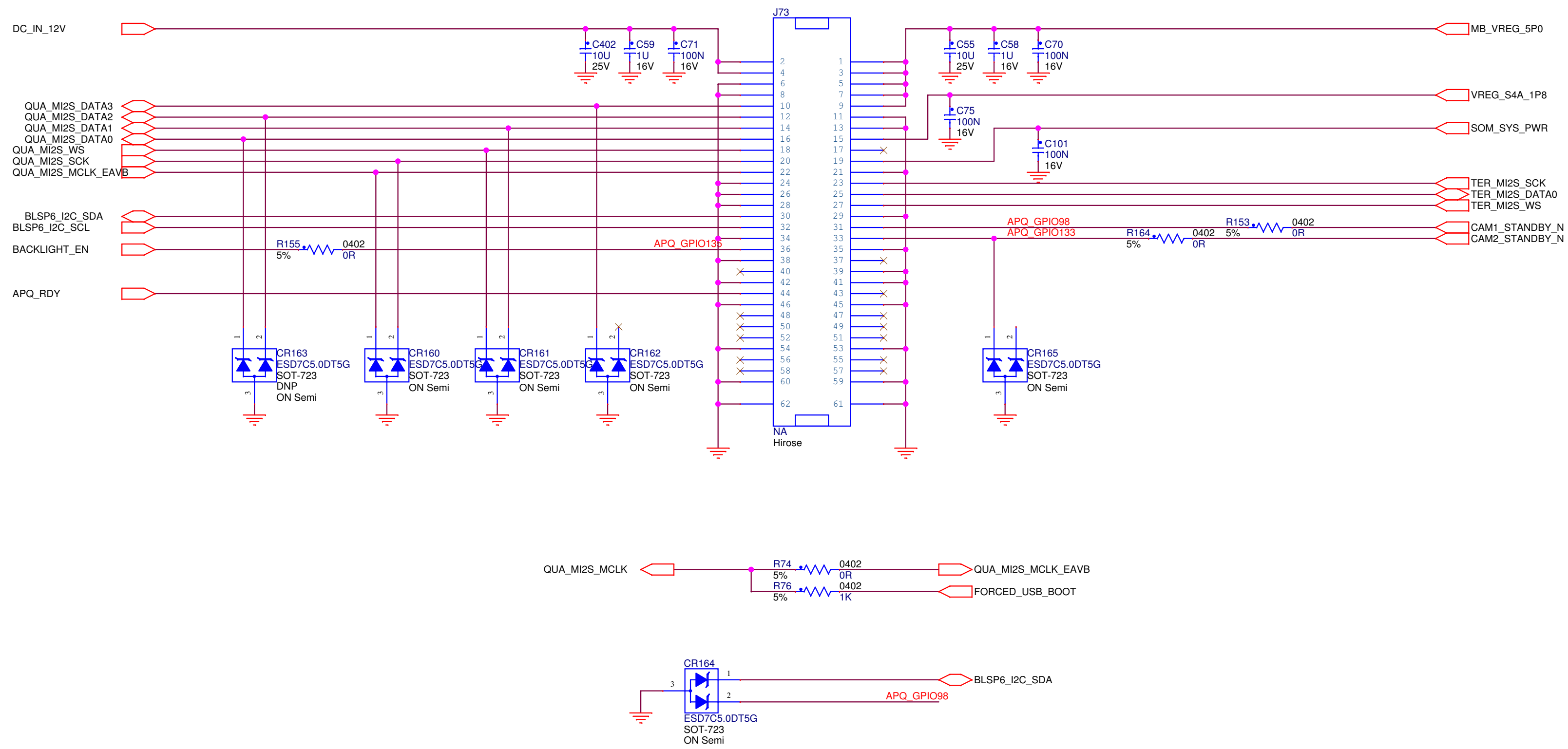
Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE
MINI_PCIE_CONNECTOR

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

SIZE	DRAWING NO	REV
C	AMMDK-0A1	1.0
SCALE	NONE	SHEET 29 OF 38
RELEASE DATE	07/02/2018	



TITLE
ETH_AVB_EXPANSION

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

SIZE
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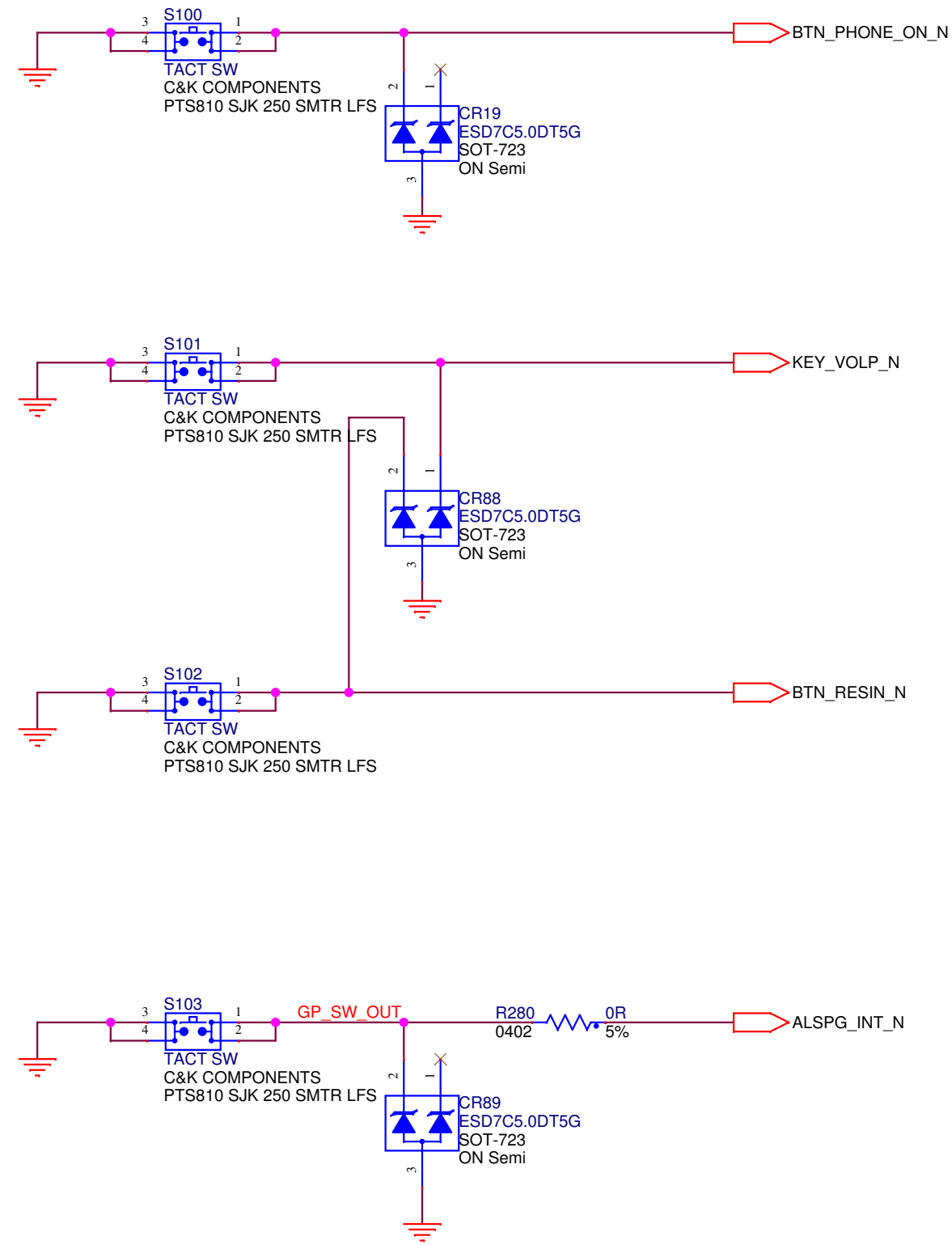
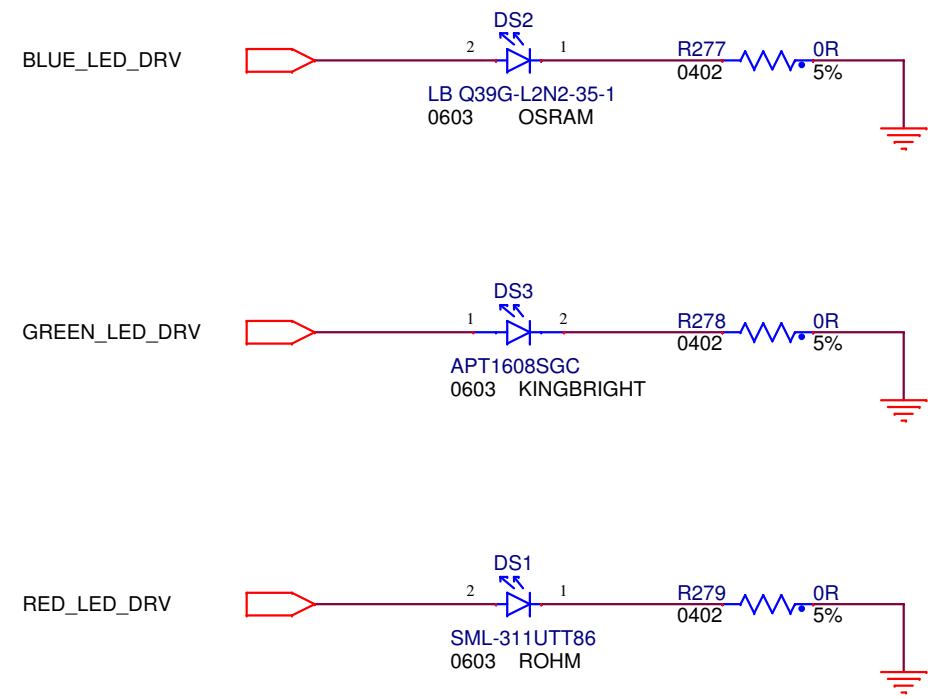
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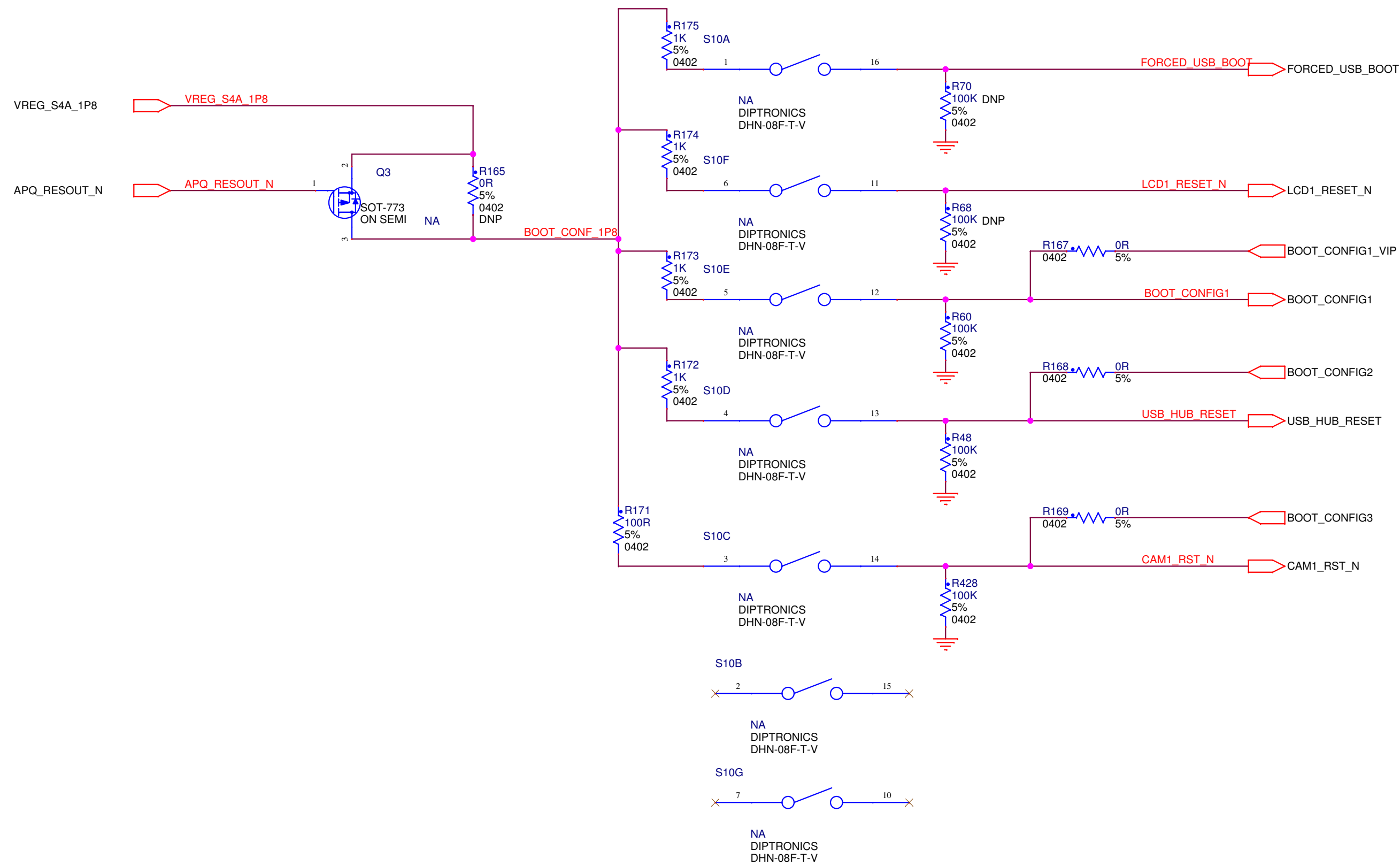
RELEASE DATE 07/02/2018

SHEET 30 OF 38



TITLE				
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SCALE	NONE	RELEASE DATE	07/02/2018	SHEET 32 OF 38

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE
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Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

SIZE
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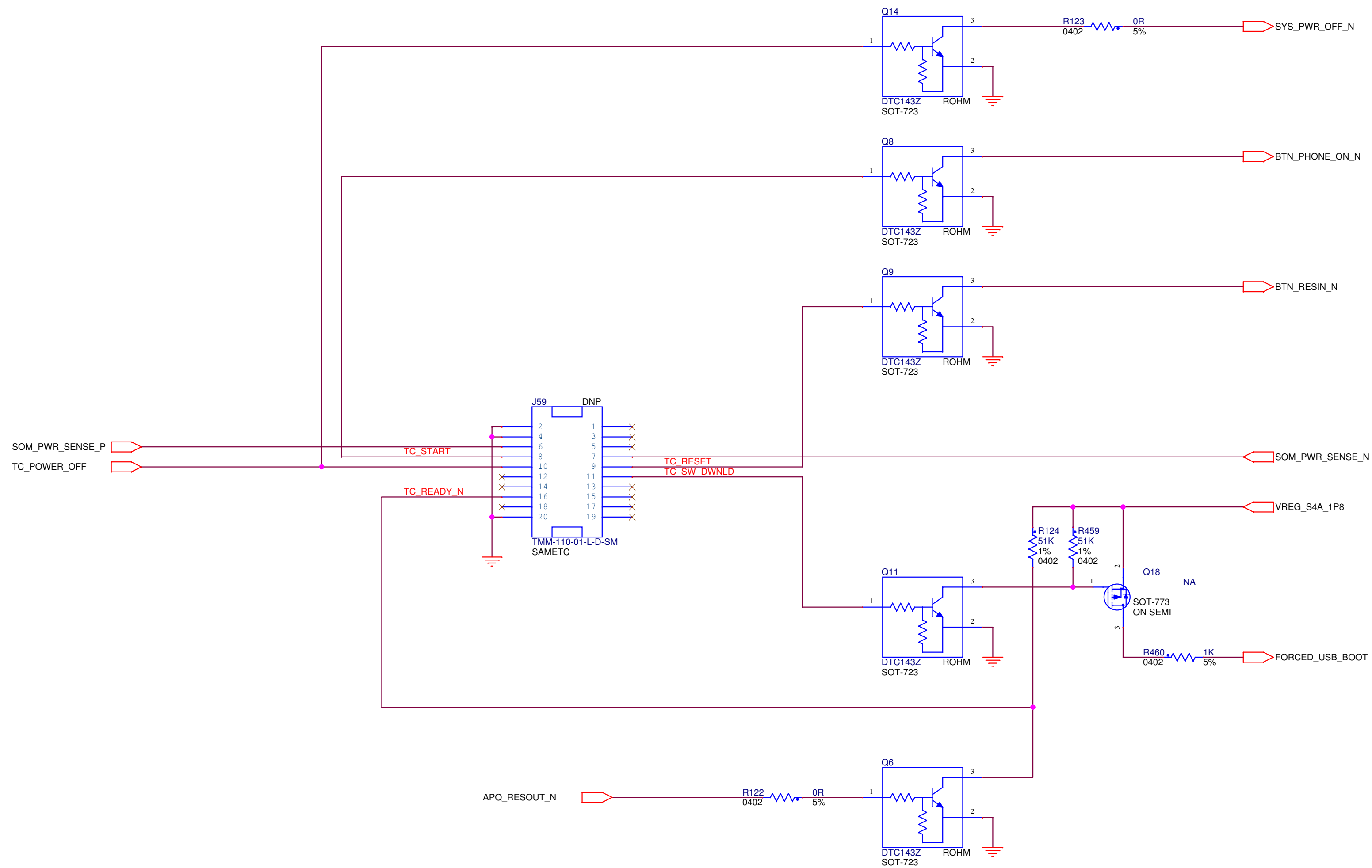
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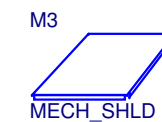
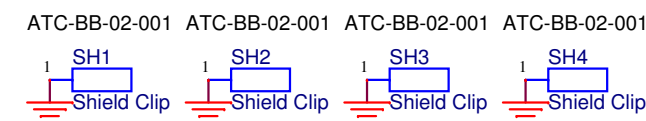
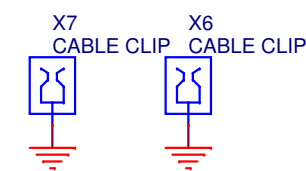
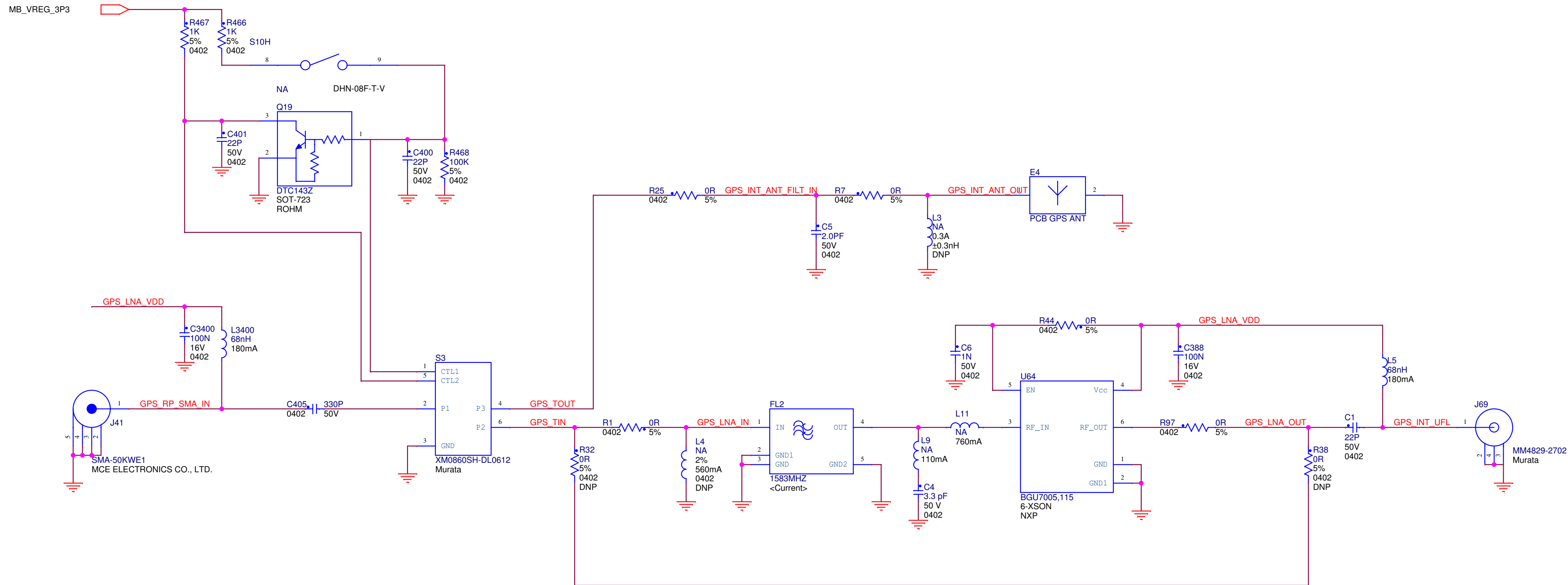
RELEASE DATE 07/02/2018

SHEET 33 OF 38



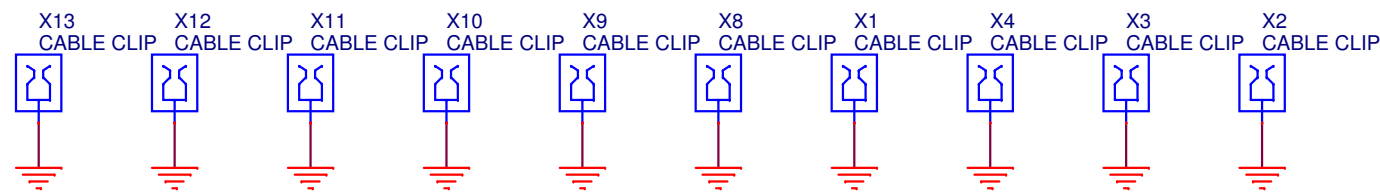
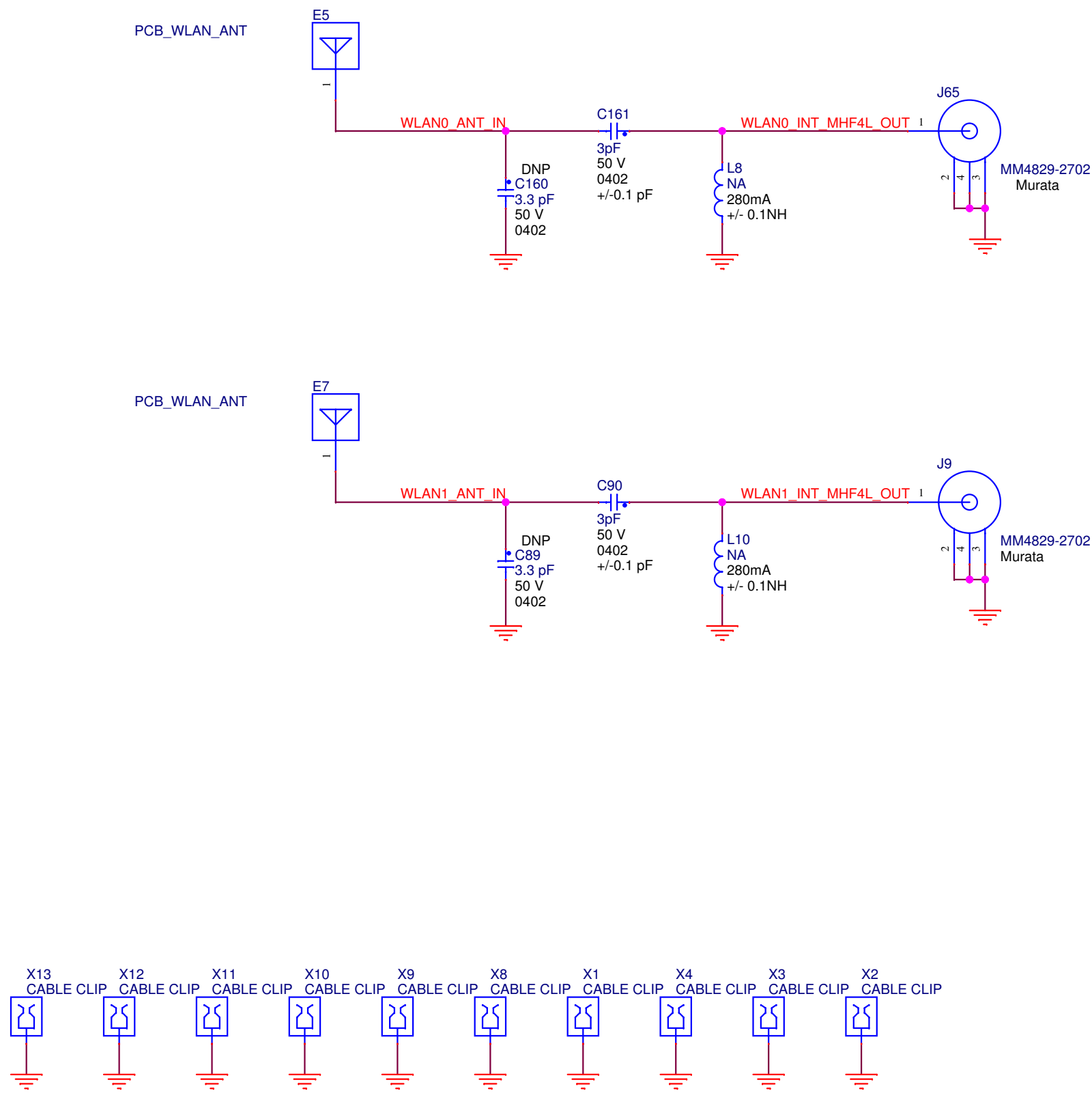
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C	AMMDK-0A1		1.0
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		07/02/2018	34 OF 38

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



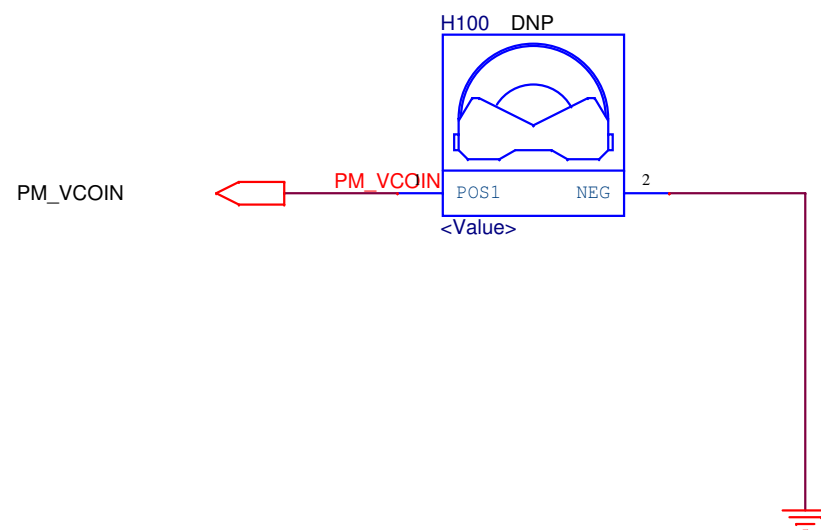
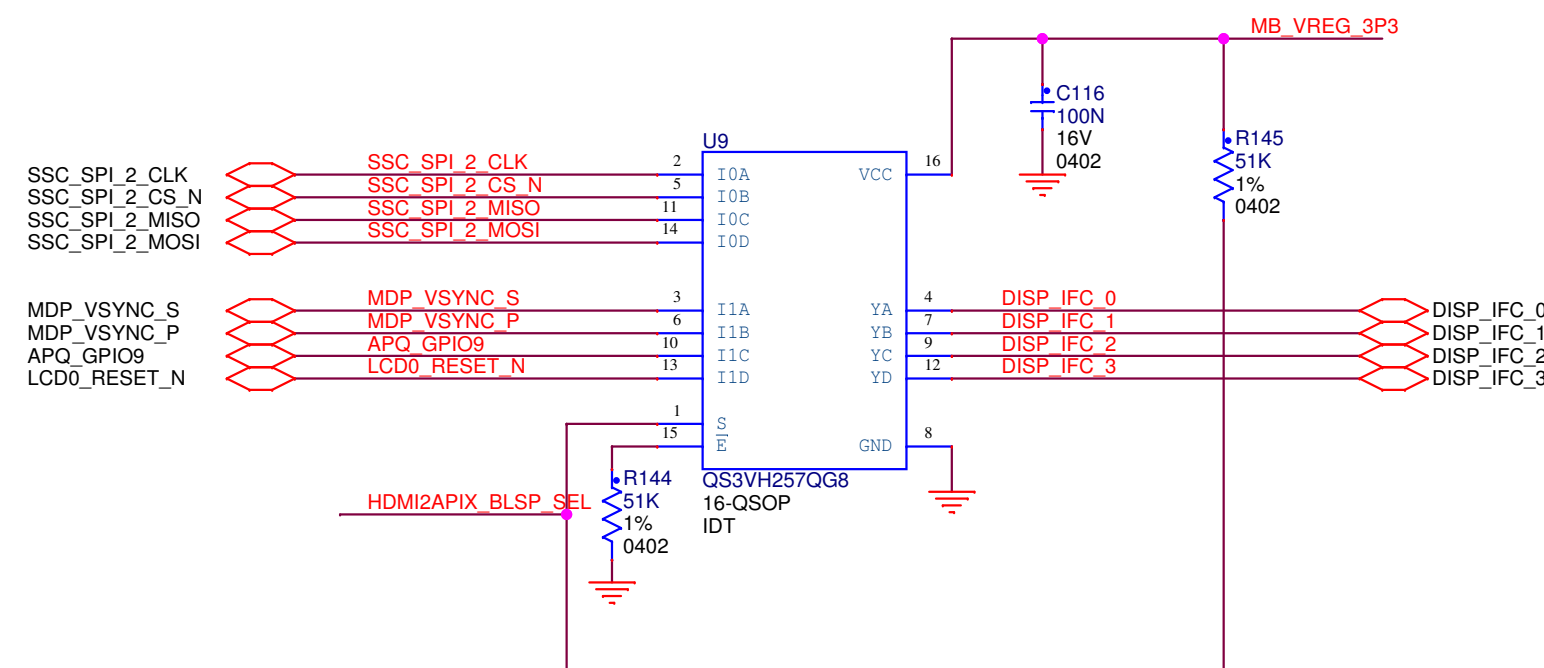
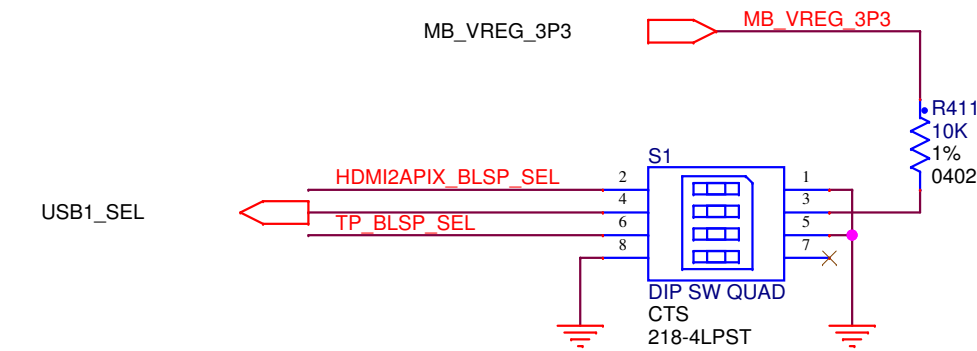
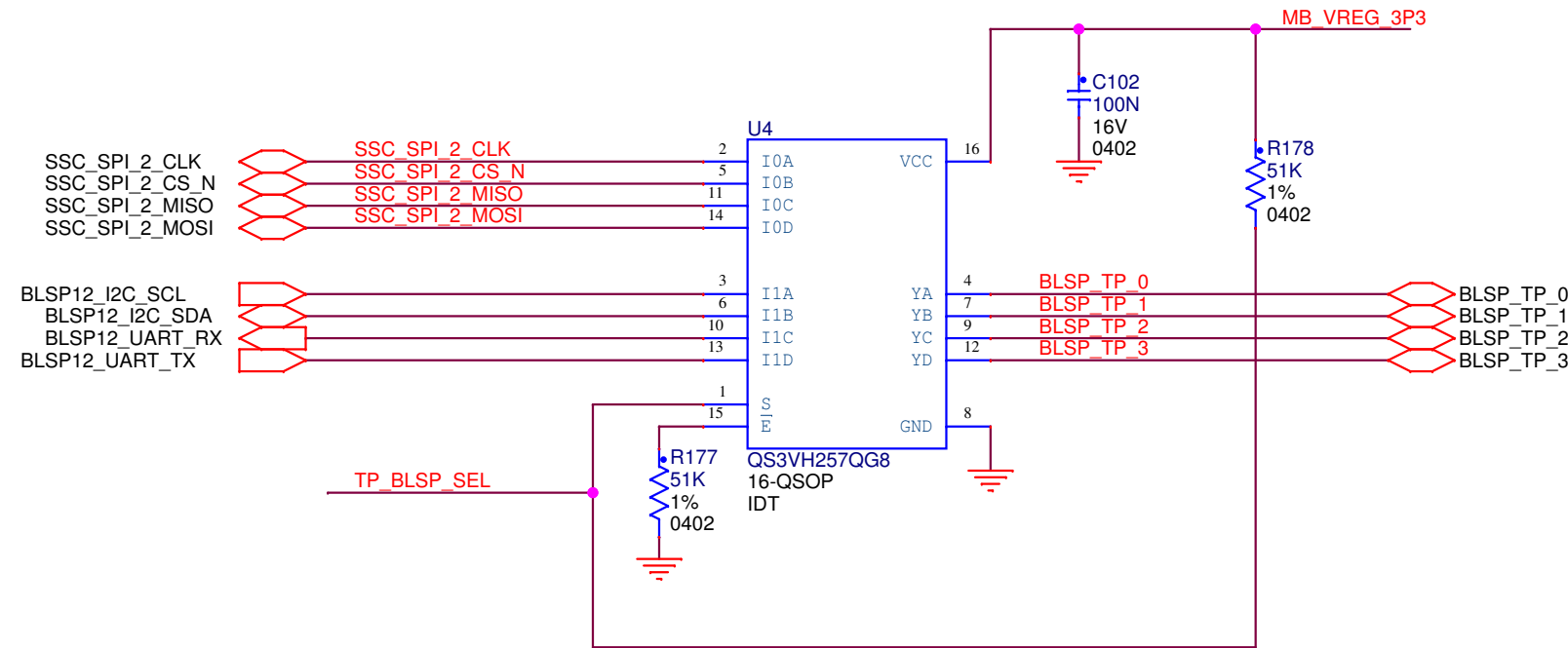
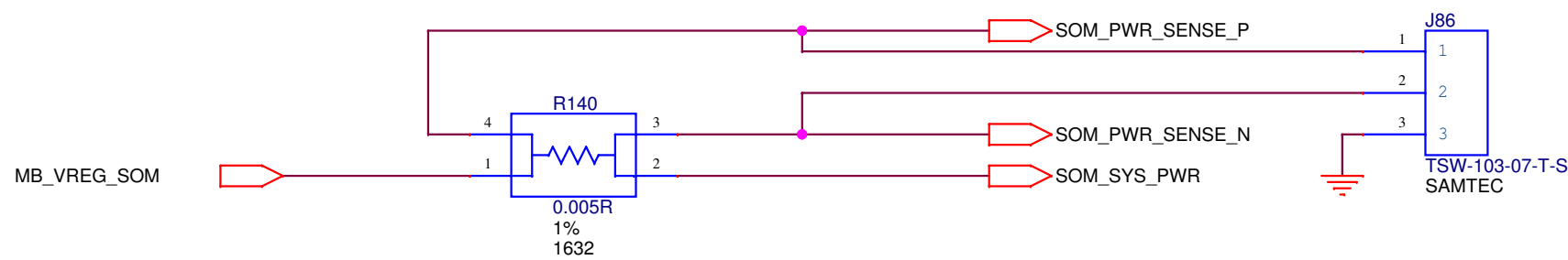
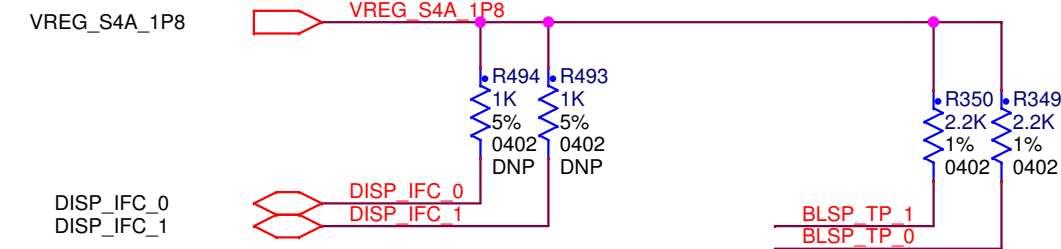
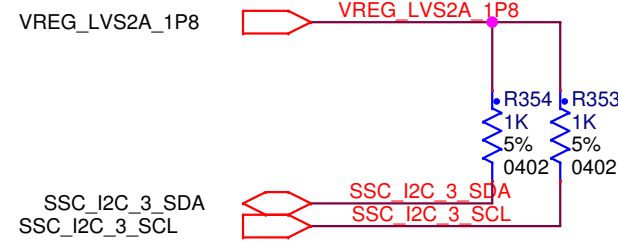
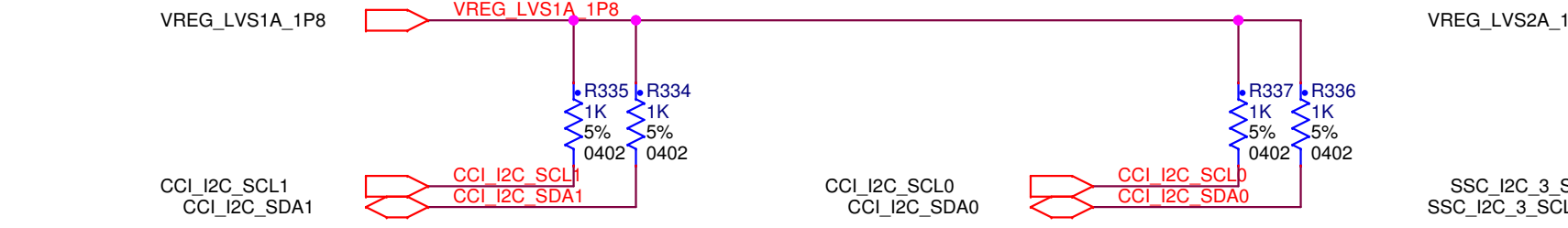
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		07/02/2018	35 OF 38

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE			
WLAN_ANTENNA			
SIZE	DRAWING NO		REV
C	AMMDK-0A1		1.0
SCALE	NONE	RELEASE DATE	SHEET
		07/02/2018	36 OF 38

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA



TITLE GENERAL

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

SIZE
C

DRAWING NO
AMMDK-0A1

REV
1.0

SCALE NONE

RELEASE DATE 07/02/2018

SHEET 37 OF 38

5

4

3

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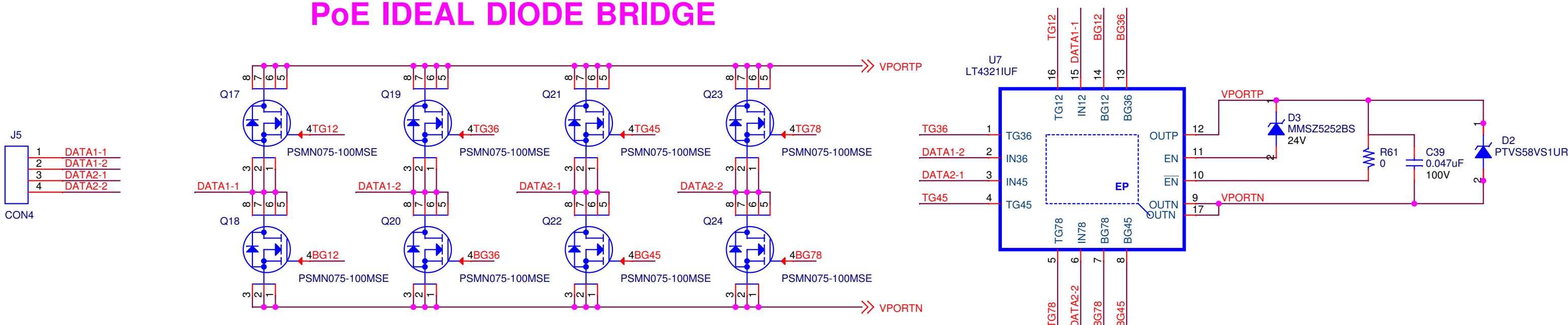
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B

A

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PoE IDEAL DIODE BRIDGE



NOTES:
1. Unless otherwise noted, all resistors on this sheet are 0603, 5%

TITLE
ACTIVE BRIDGE

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA

SIZE
C

DRAWING NO
AMMDK-POE-0A1

REV
1.0

SCALE NONE

RELEASE DATE 07/02/2018

SHEET 4 OF 7

GATE DRIVER CLAMPS

Entropic Manikin LLC,
670 Transfer Rd,
St Paul, MN55114 USA