

DATE	03-28-2018	REV 0- PRELIMINARY
		REV 1- RES VALUE CHANGE SPI MODE PULL DOWN, 100 OHMS, SHTS 4-18
		REV 1- ASIC DECOUPLE CAP PLACEMENT 'DNI' MODIFIED, BOTTOM LAYER CAPS
DATE	05-23-2018	REV 2- ADDED DECOUPLE CAP C417 AT U34 PIN 10 TO GND
		REV 2- U33 PIN NUMBERING MATCHED TO DATA SHEET AND PCB DECAL
DATE	06-15-2018	REV 2- SCH-TO PCB VERIFICATION AND SYNC, REV1 TEST ERRATA
DATE	06-19-2018	REV 2- SHT18- REPLACE D76 & D77 WITH (1) BAV99-7F
		REV 2- SHT2 - MOVE CAP SYMBOLS C377, C378, C379 CLOSE TO U33
		REV 2- SHT1 - ADD R512 0.0 OHM RESISTOR TO FEEDBACK LOOP-POT

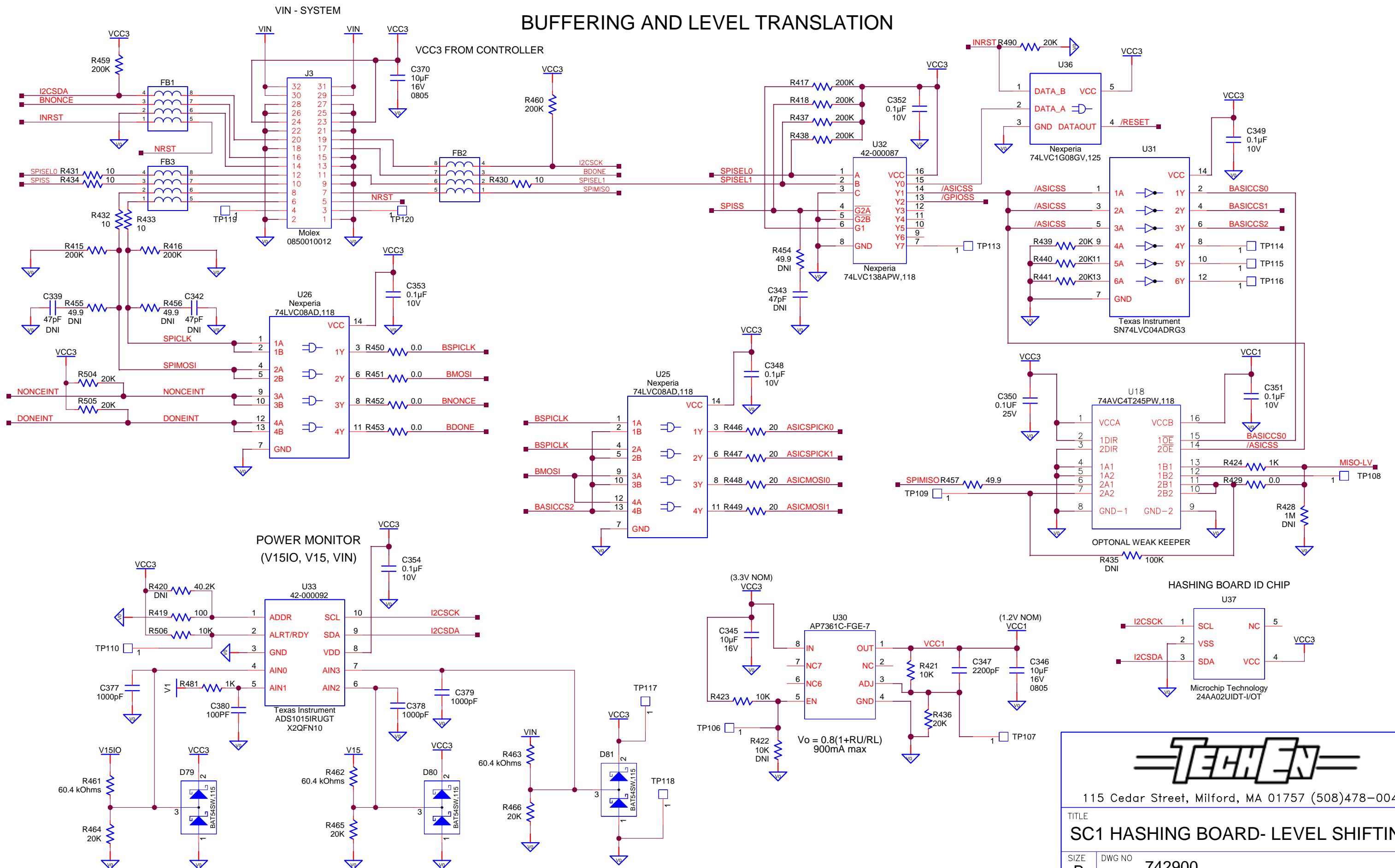


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TITLE	SC1 HASHING BOARD- 25 AMP SOURCE
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SIZE B	DWG NO 742900	REV 2
DRAWN BY MPL/TR/TPD		
DATE 06/19/18:15:53	SHEET 1	of 18

BUFFERING AND LEVEL TRANSLATION



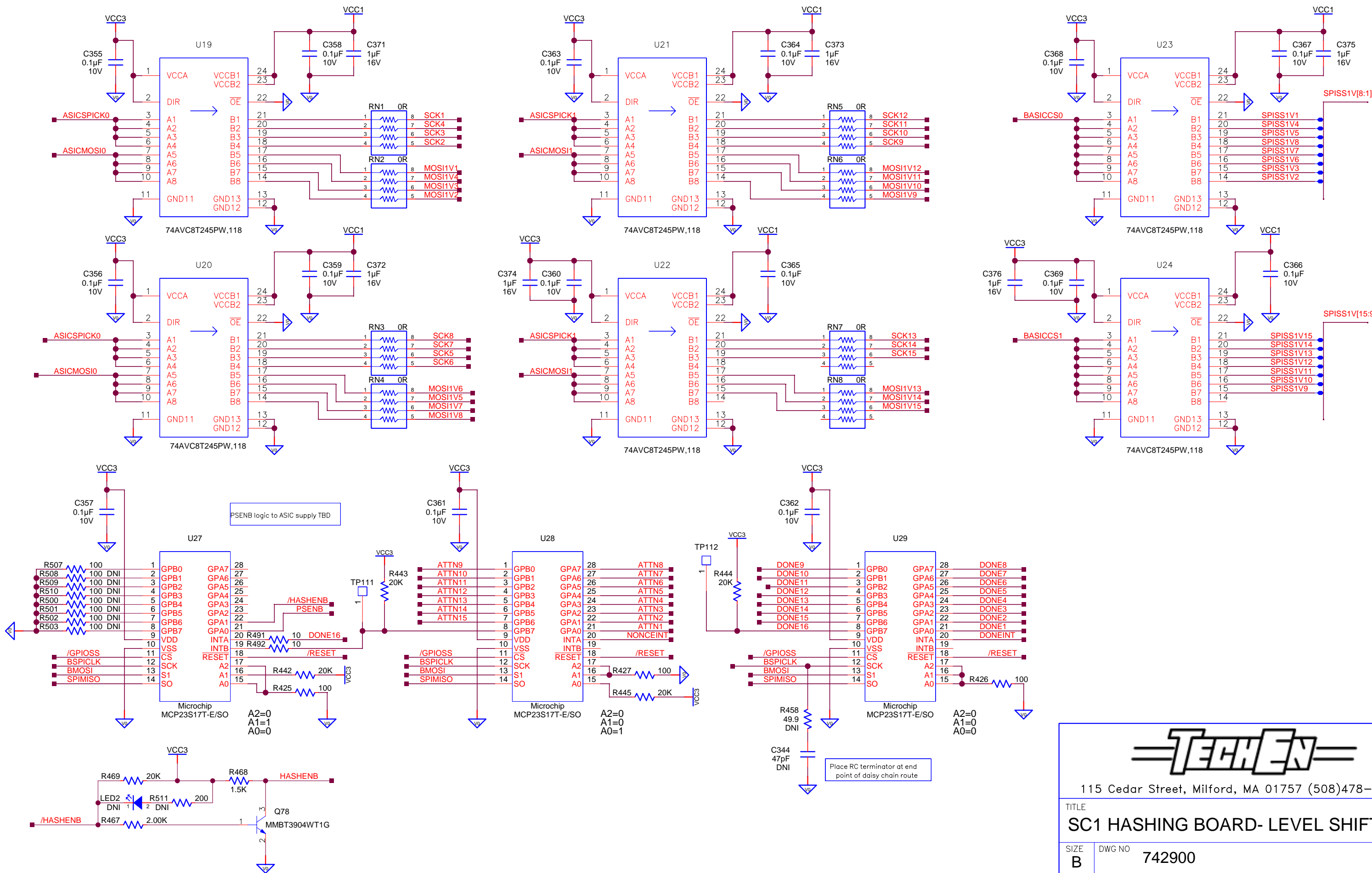
115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE	SC1 HASHING BOARD- LEVEL SHIFTING1
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SIZE B	DWG NO 742900	REV 2
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DRAWN BY MPL/TR/TPD

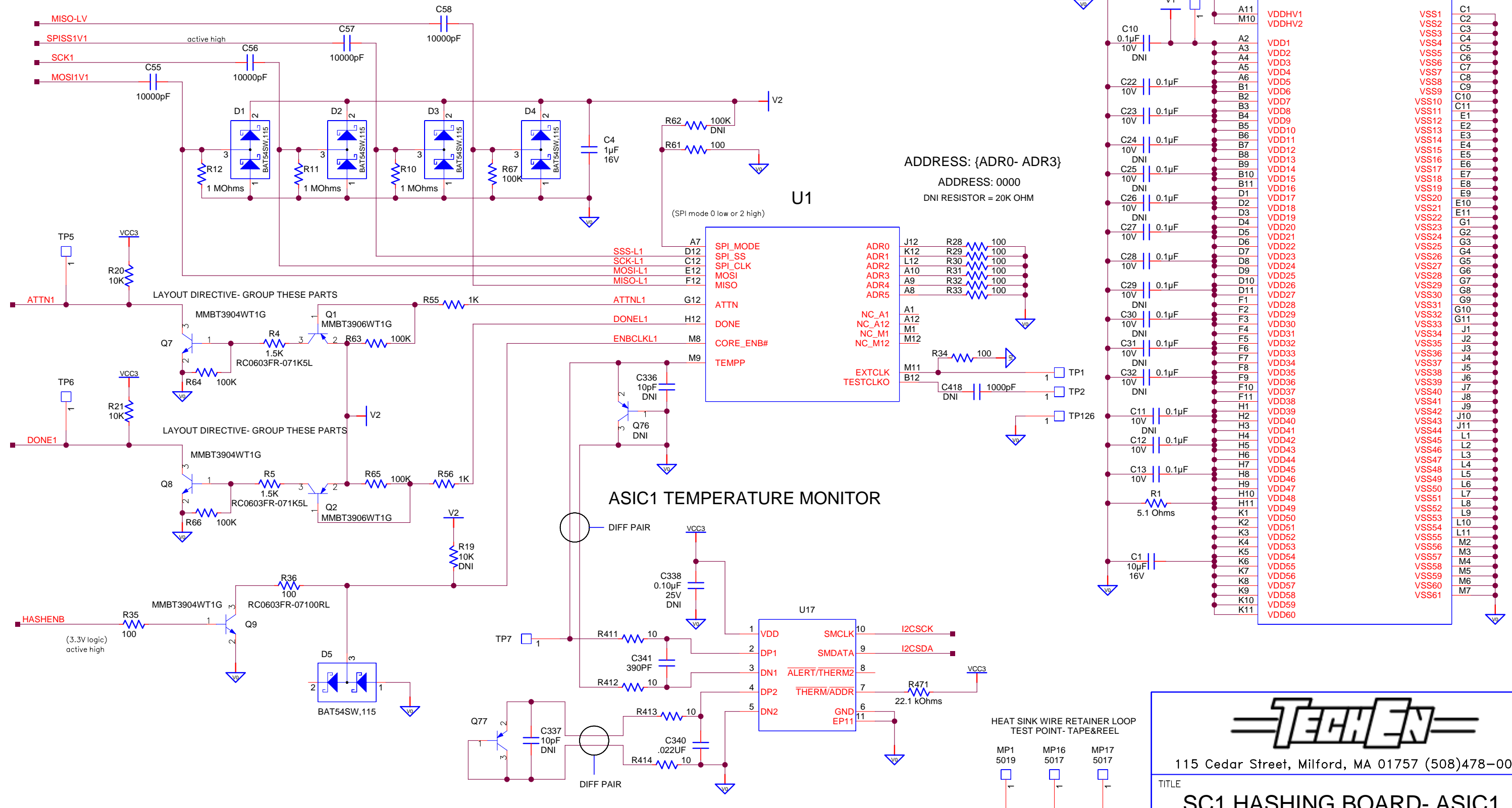
DATE 06/19/18:12:49 SHEET 2 of 18



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TITLE		
SC1HASHING BOARD- LEVEL SHIFTING2		
SIZE	DWG NO	REV
B	742900	2
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DATE	06/18/18:13:31	SHEET 3 of 18

ASIC 1



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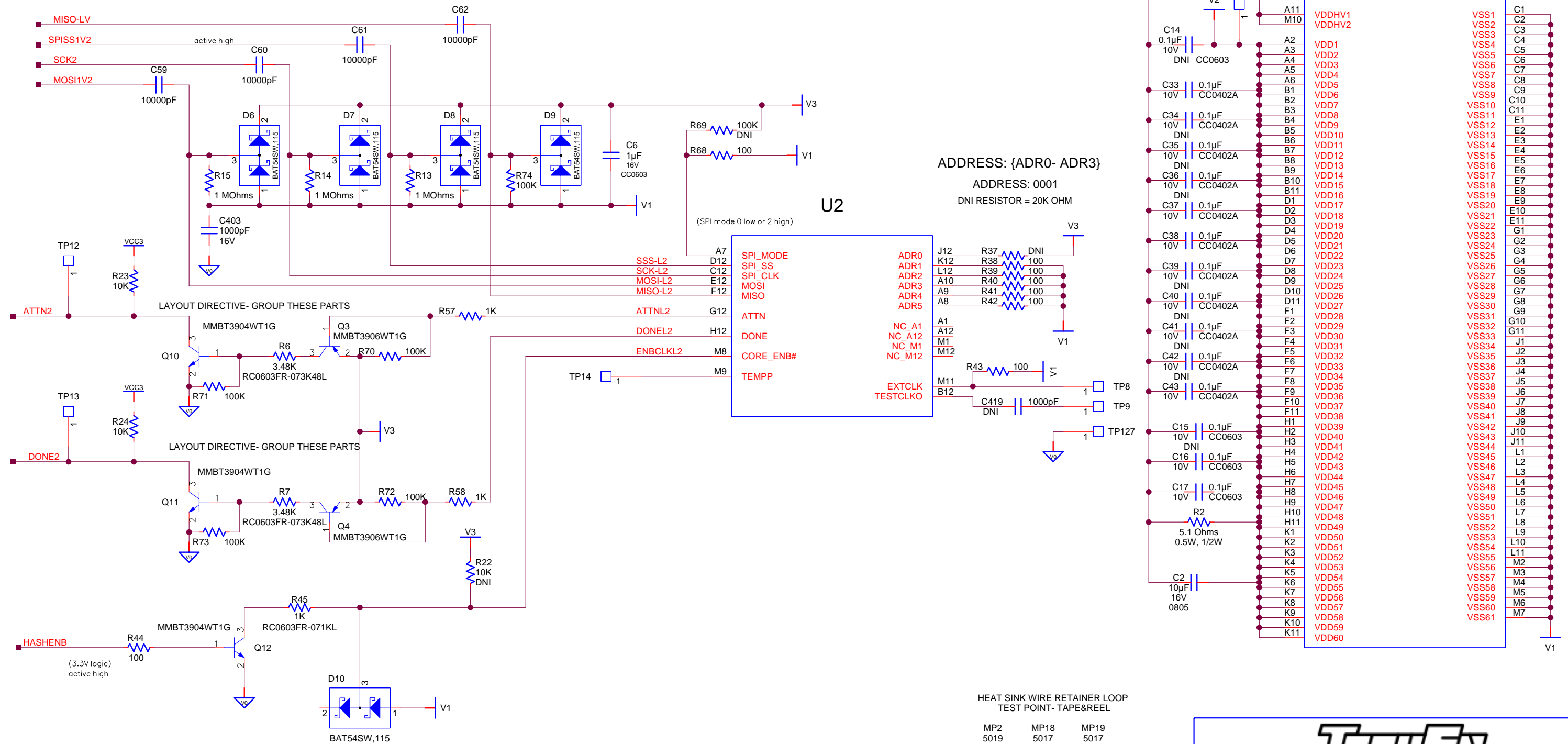
TITLE
SC1 HASHING BOARD- ASIC1

SIZE B	DWG NO 742900	REV 2
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DRAWN BY **TR/TD/ML**

DATE **06/18/18:13:31** SHEET 4 of 18

ASIC 2



115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE

SC1 HASHING BOARD- ASIC2

SIZE

DWG NO	
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742900

EV

2

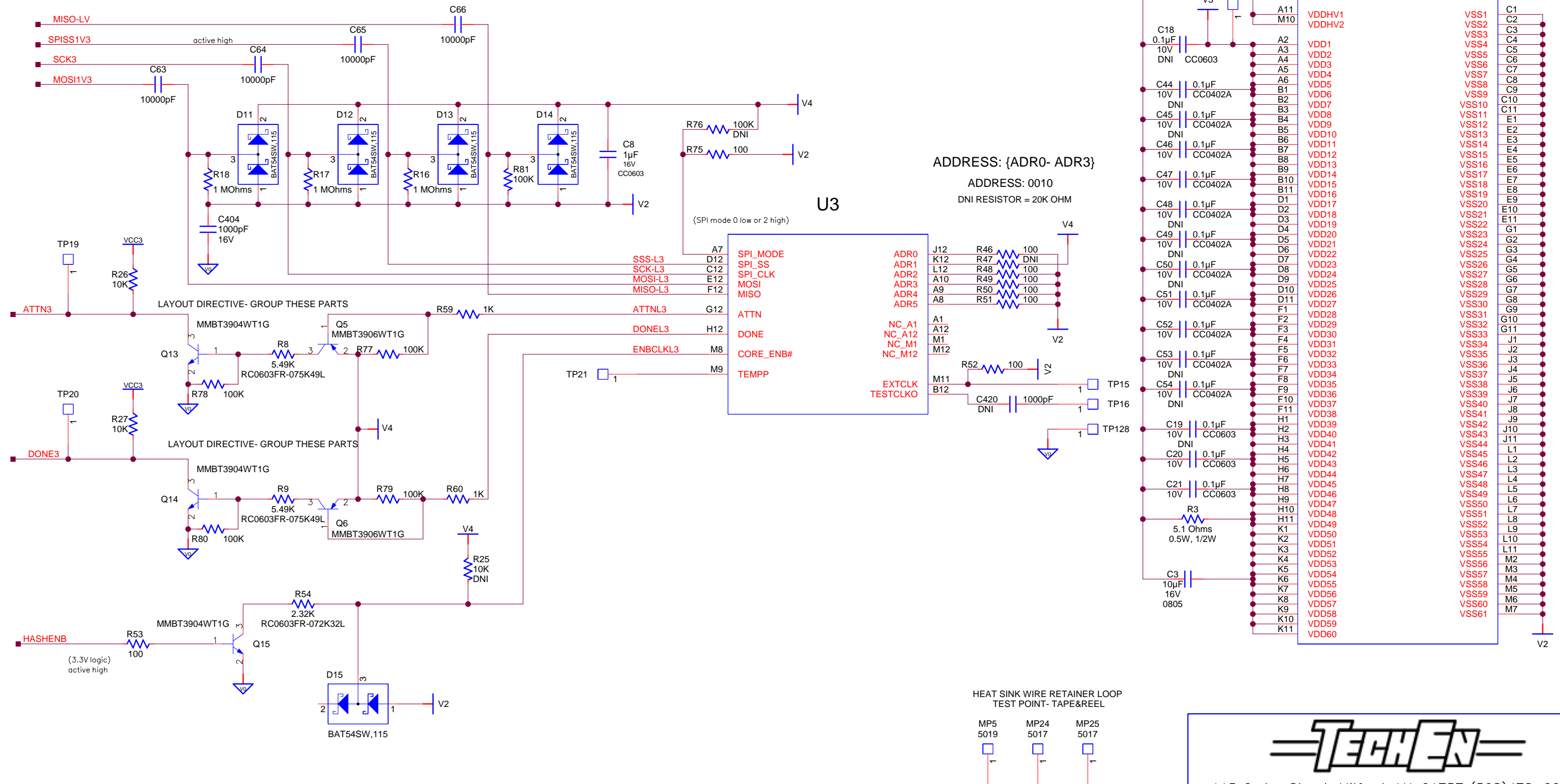
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TR/TD/ML

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SHEET 5 of 18

ASIC 3



115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE

SC1 HASHING BOARD- ASIC3

	SIZE
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DWG NO	
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742900

EV

2

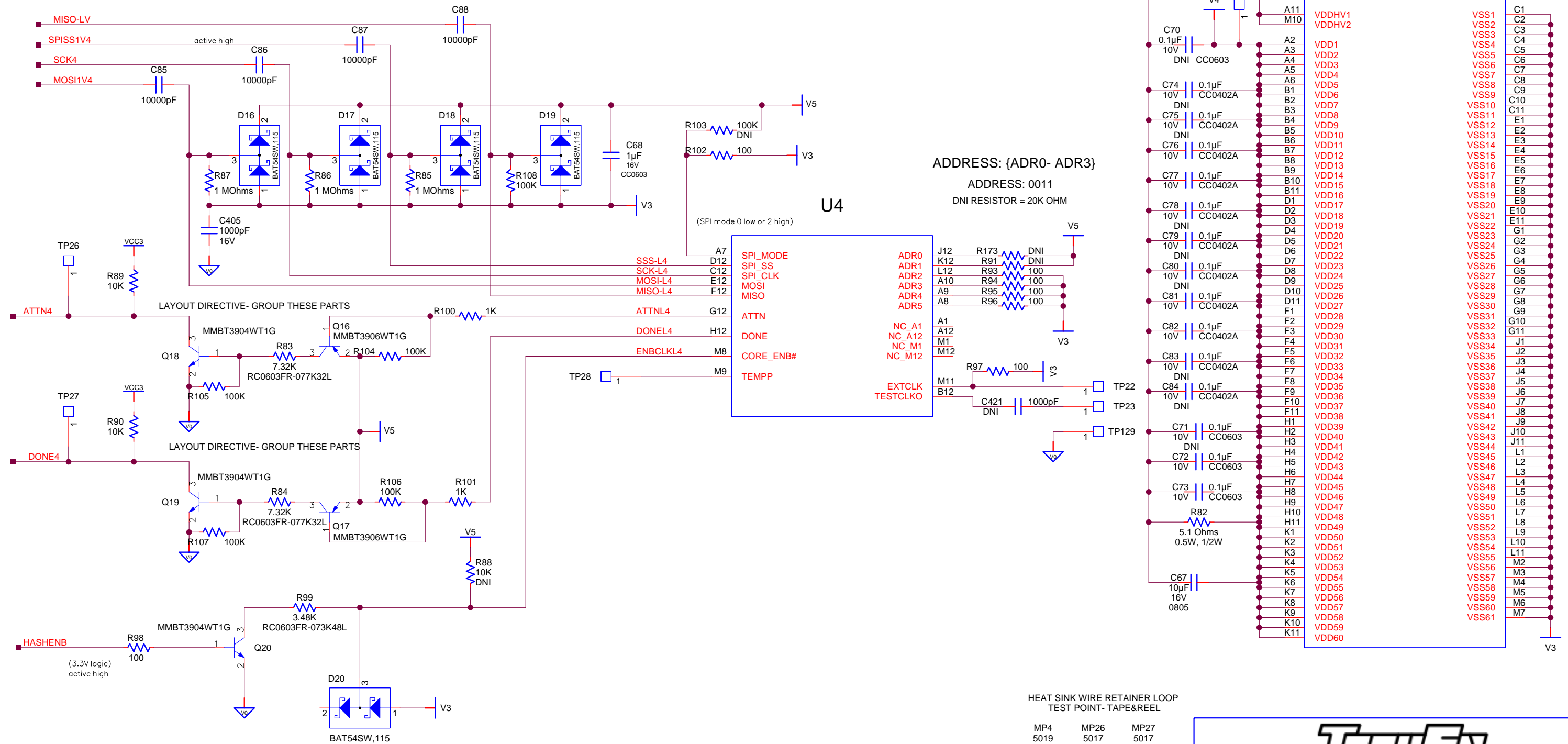
DRAWN BY

TR/TD/ML

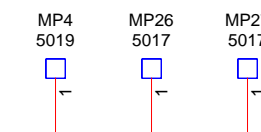
DATE 06/18/18:13:31

SHEET 6 of 18

ASIC 4



HEAT SINK WIRE RETAINER LOOP
TEST POINT- TAPE&REEL



115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE

SC1 HASHING BOARD- ASIC4

	SIZE
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DWG NO	
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742900

REV

2

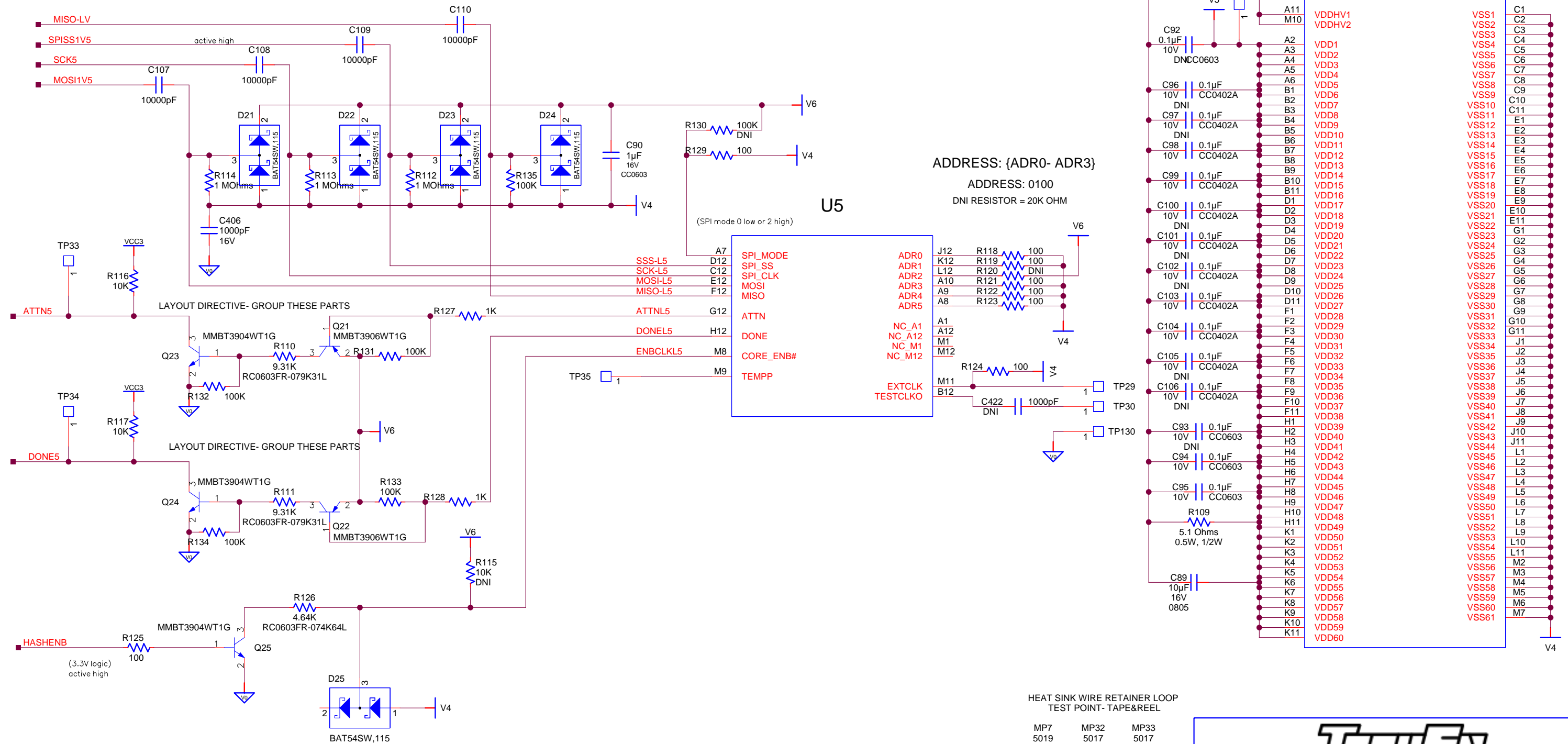
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TR/TD/ML

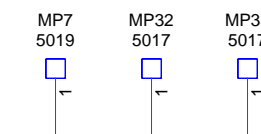
DATE 06/18/18:13:31

SHEET 7 of 18

ASIC 5



HEAT SINK WIRE RETAINER LOOP
TEST POINT- TAPE&REEL



115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE

SC1 HASHING BOARD- ASIC5

SIZE

DWG NO	
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742900

EV

2

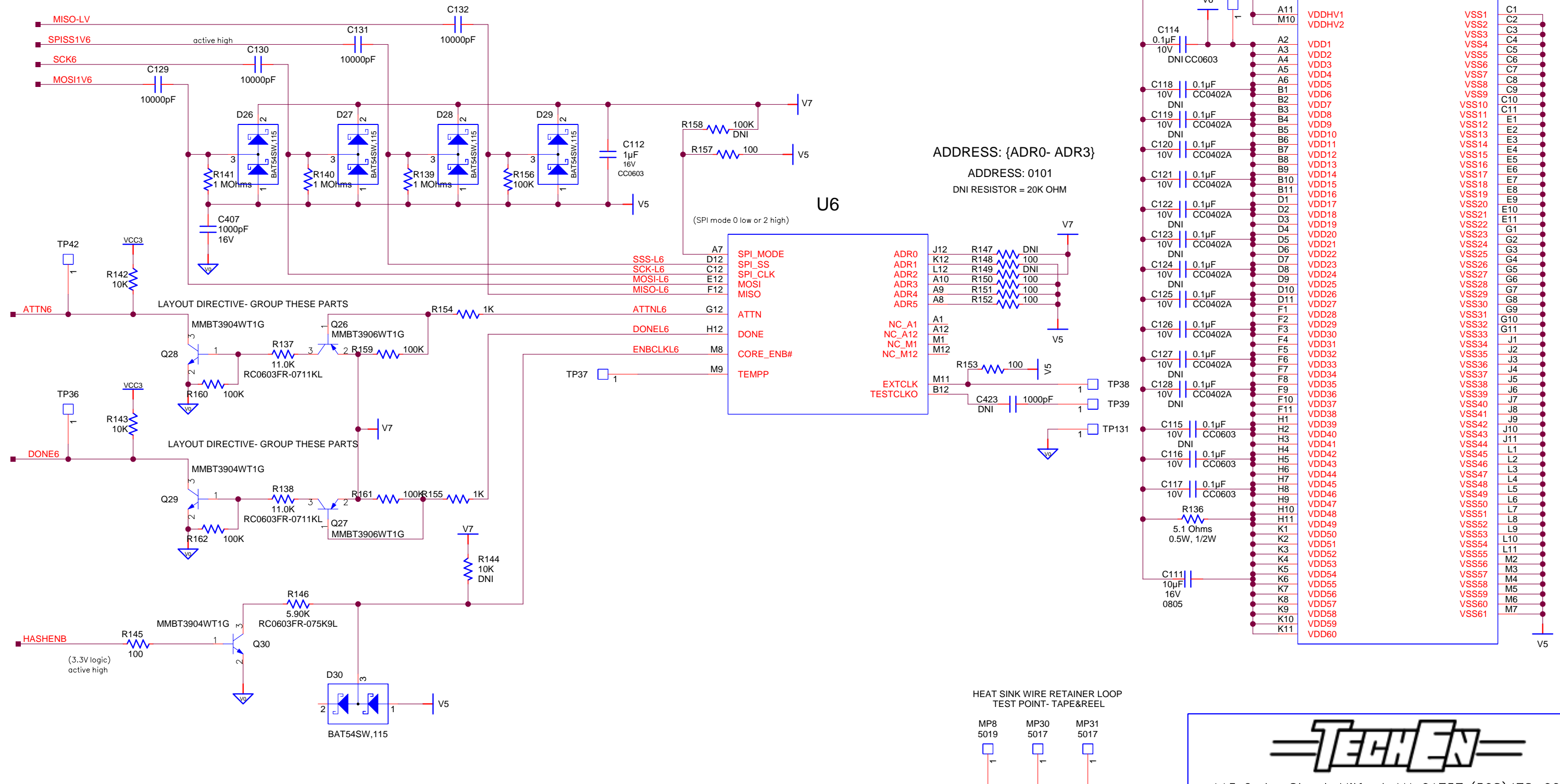
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TR/TD/ML

DATE 06/18/18:13:31

SHEET 8 of 18

ASIC 6



115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE

SC1 HASHING BOARD- ASIC6

SIZE

DWG NO	
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742900

EV

2

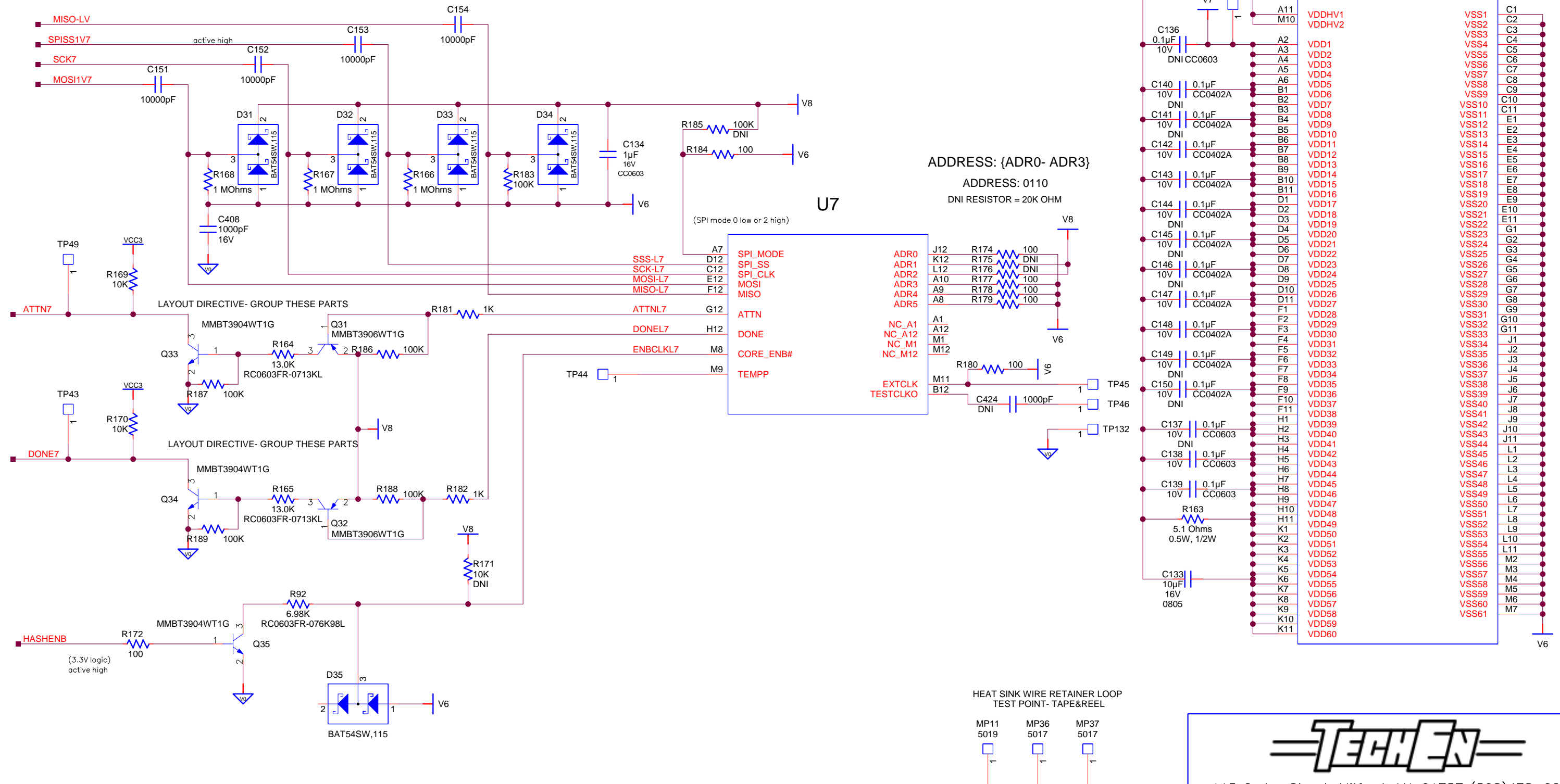
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TR/TD/ML

DATE 06/18/18:13:31

SHEET 9 of 18

ASIC 7



115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE

SC1 HASHING BOARD- ASIC7

	SIZE
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DWG NO	
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742900

EV

2

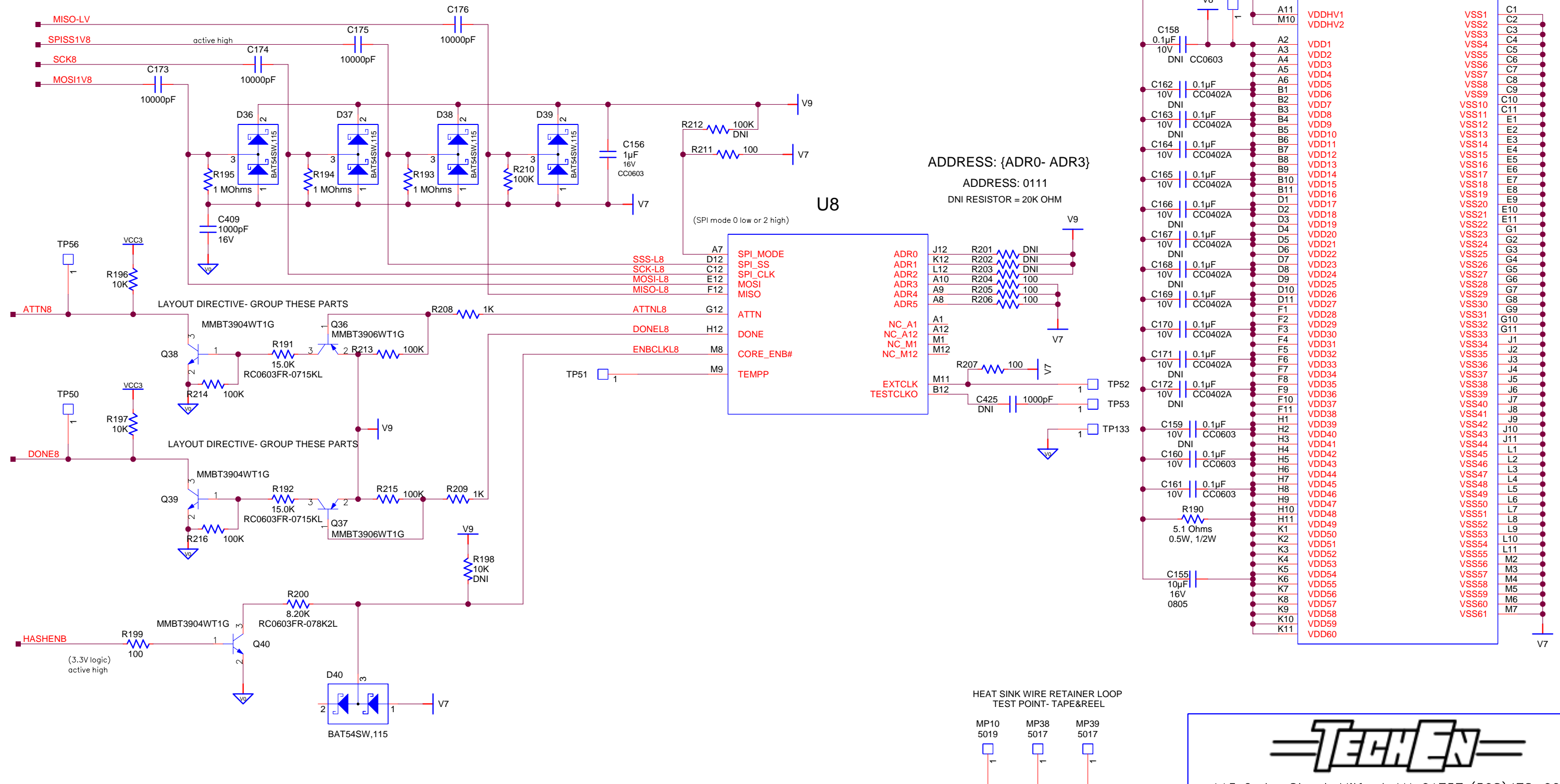
DRAWN BY

TR/TD/ML

DATE 06/18/18:13:31

SHEET 10 of 18

ASIC 8



115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE

SC1 HASHING BOARD- ASIC8

	SIZE
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DWG NO	
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742900

REV

2

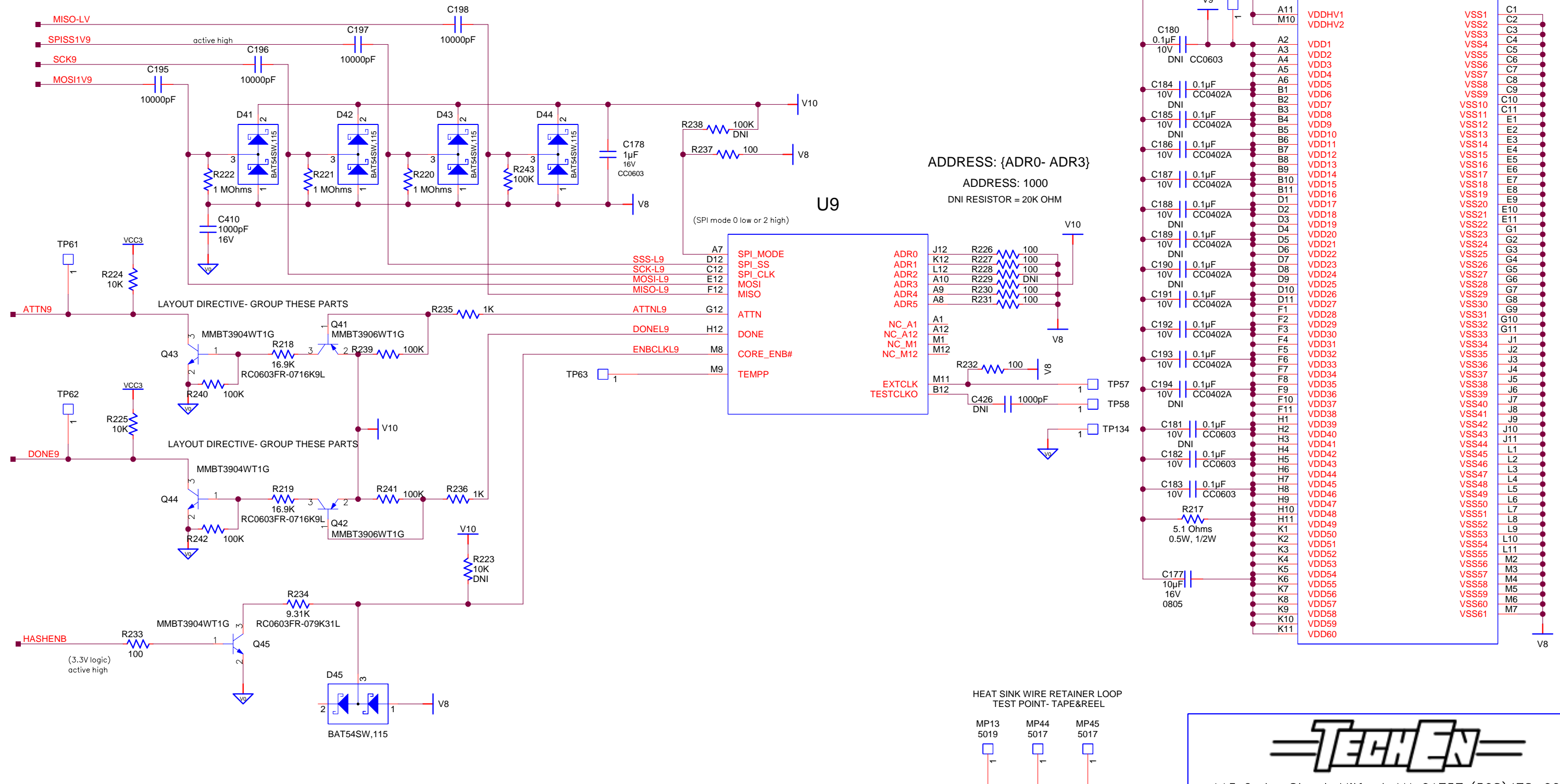
DRAWN BY

TR/TD/ML

DATE 06/18/18:13:31

SHEET 11 of 18

ASIC 9



115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE

SC1 HASHING BOARD- ASIC9

	SIZE
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DWG NO	
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742900

REV

2

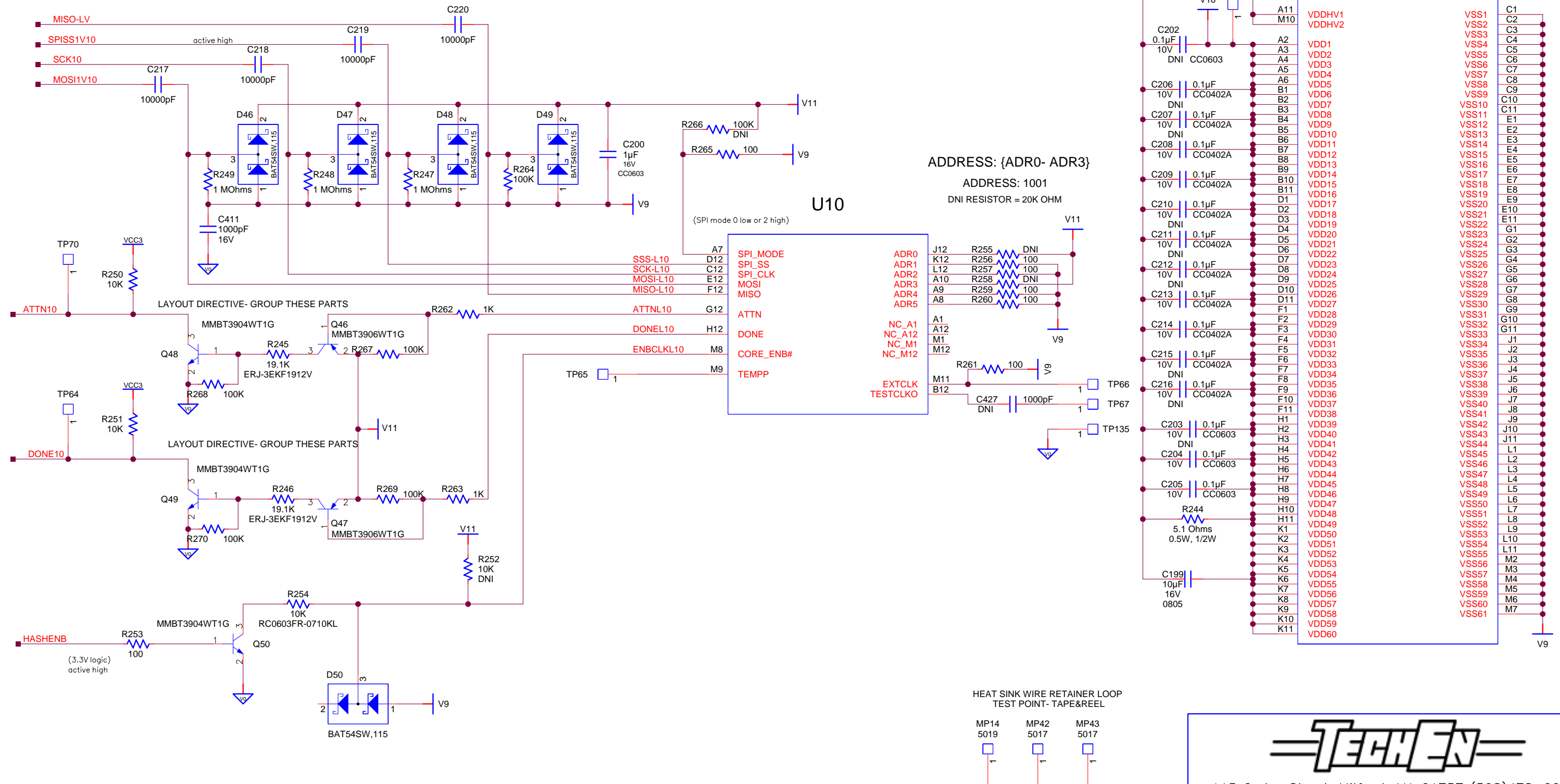
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DATE 06/18/18:13:31

SHEET 12 of 18

ASIC 10



115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE

SC1 HASHING BOARD- ASIC10

SIZE

SIZE B	DWG NO 742900
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EV

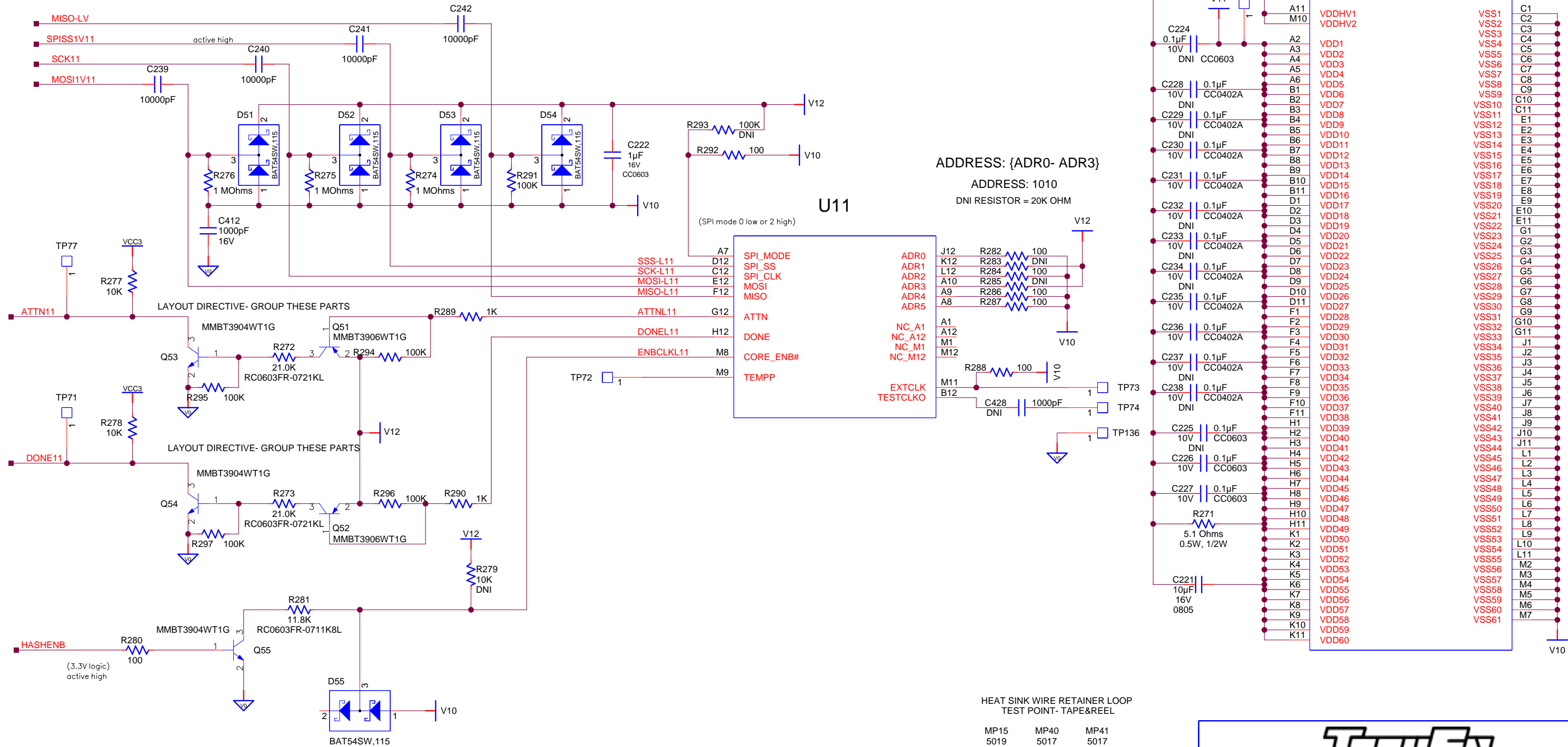
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DATE 06/18/18:13:31

SHEET 13 of 18

ASIC 11



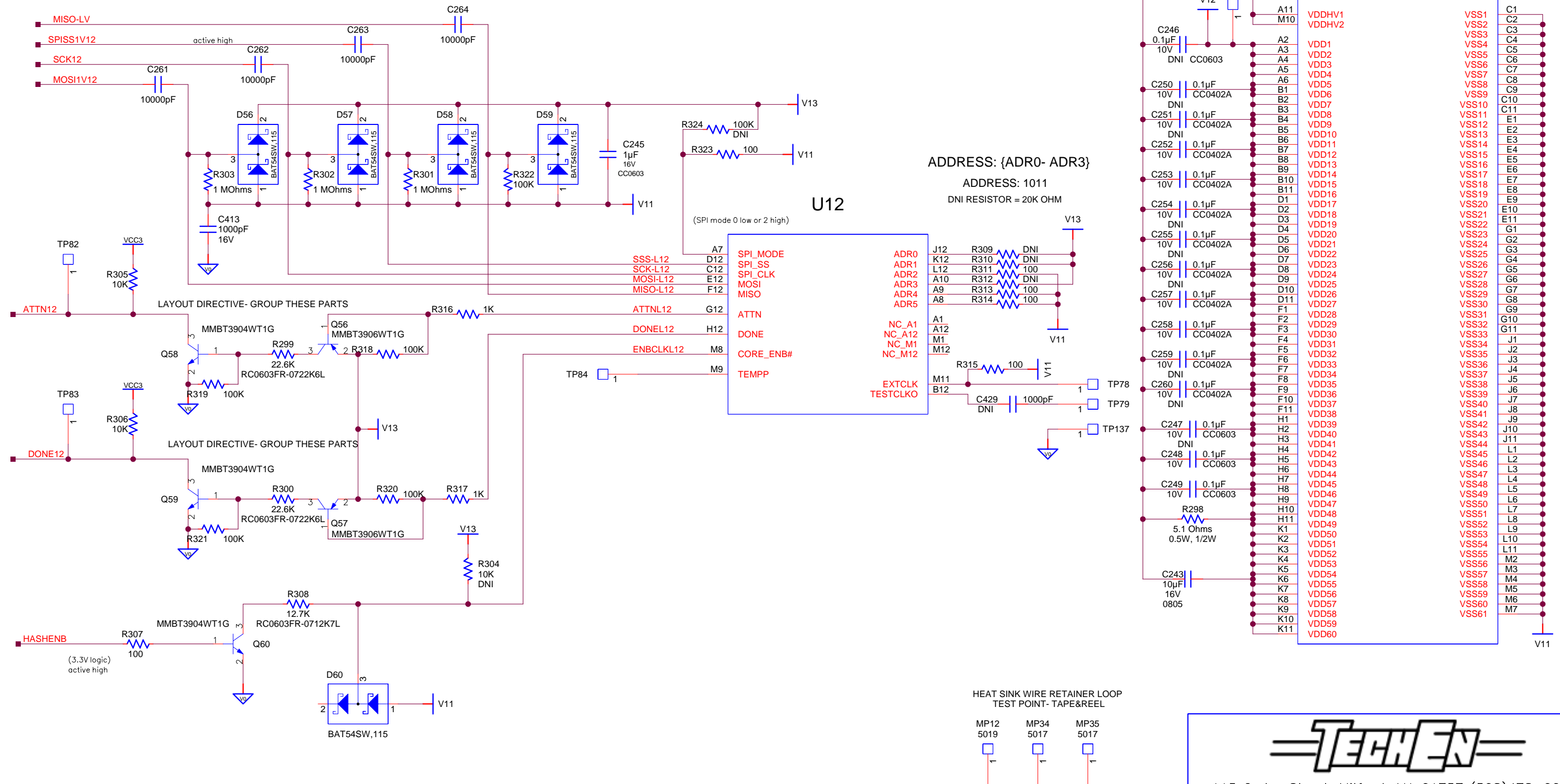
115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE
SC1 HASHING BOARD- ASIC11

SIZE B	DWG NO 742900	REV 2
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DRAWN BY TR/TD/ML	DATE 06/18/18:13:31	SHEET 14 of 18
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ASIC 12



115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE

SC1 HASHING BOARD- ASIC12

SIZE

DWG NO	
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742900

REV

2

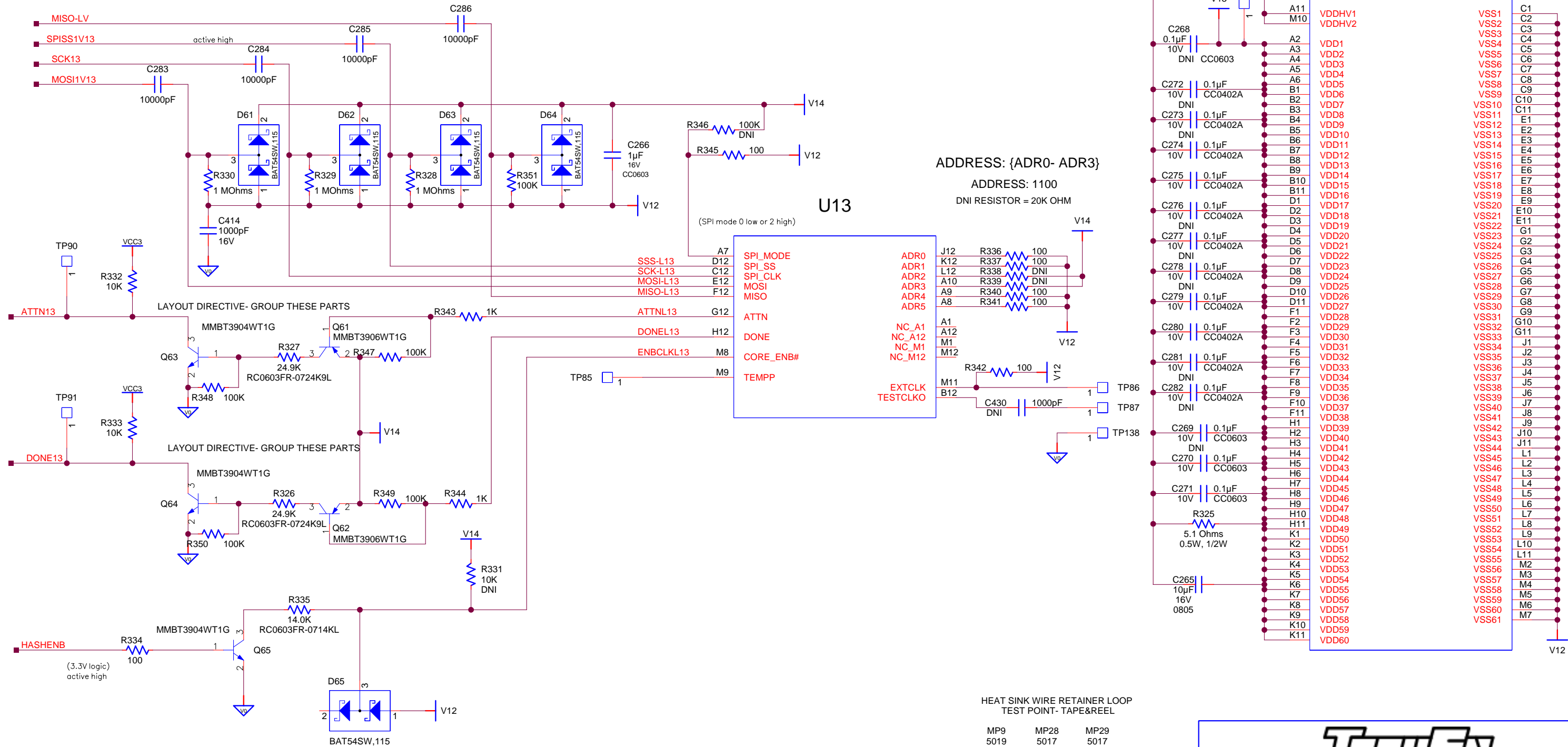
DRAWN BY

TR/TD/ML

DATE 06/18/18:13:31

SHEET 15 of 18

ASIC 13



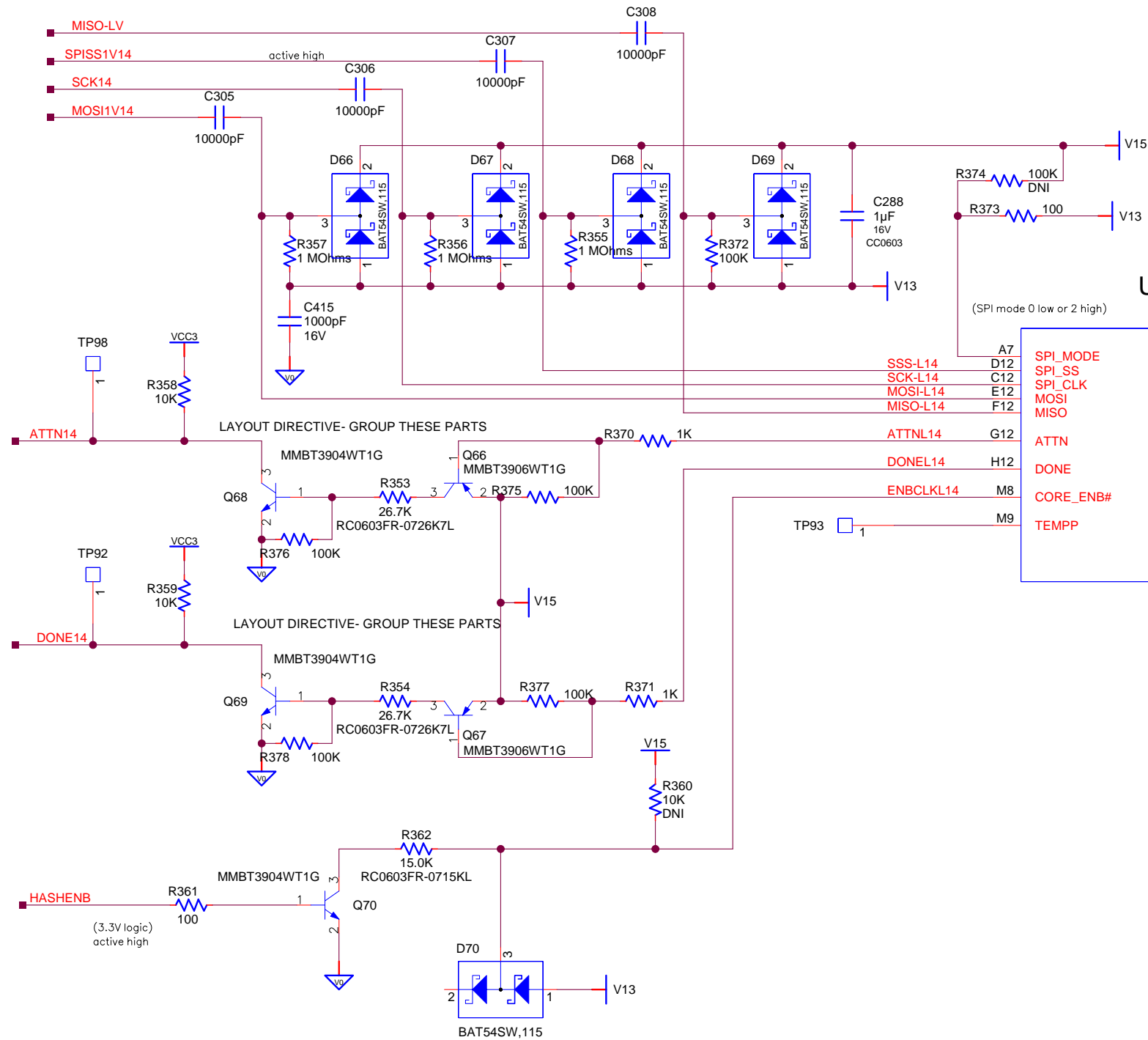
115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE
SC1 HASHING BOARD- ASIC13

SIZE B	DWG NO 742900	REV 2
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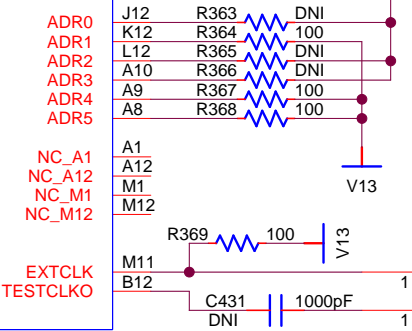
DRAWN BY TR/TD/ML	DATE 06/18/18:13:31	SHEET 16 of 18
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ASIC 14

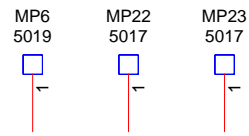


U14

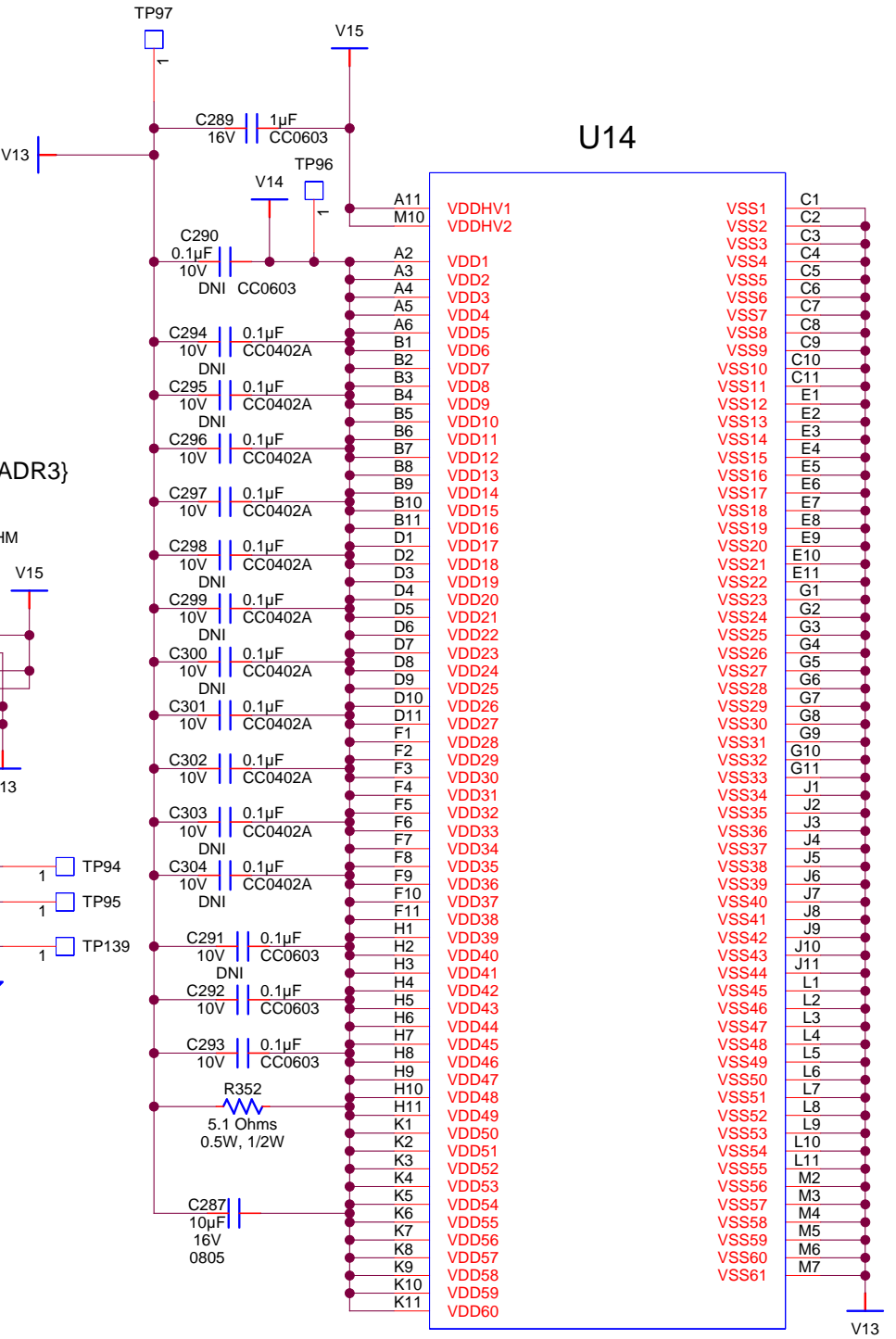
ADDRESS: {ADR0- ADR3}
ADDRESS: 1101
DNI RESISTOR = 20K OHM



HEAT SINK WIRE RETAINER LOOP
TEST POINT- TAPE&REEL



U14



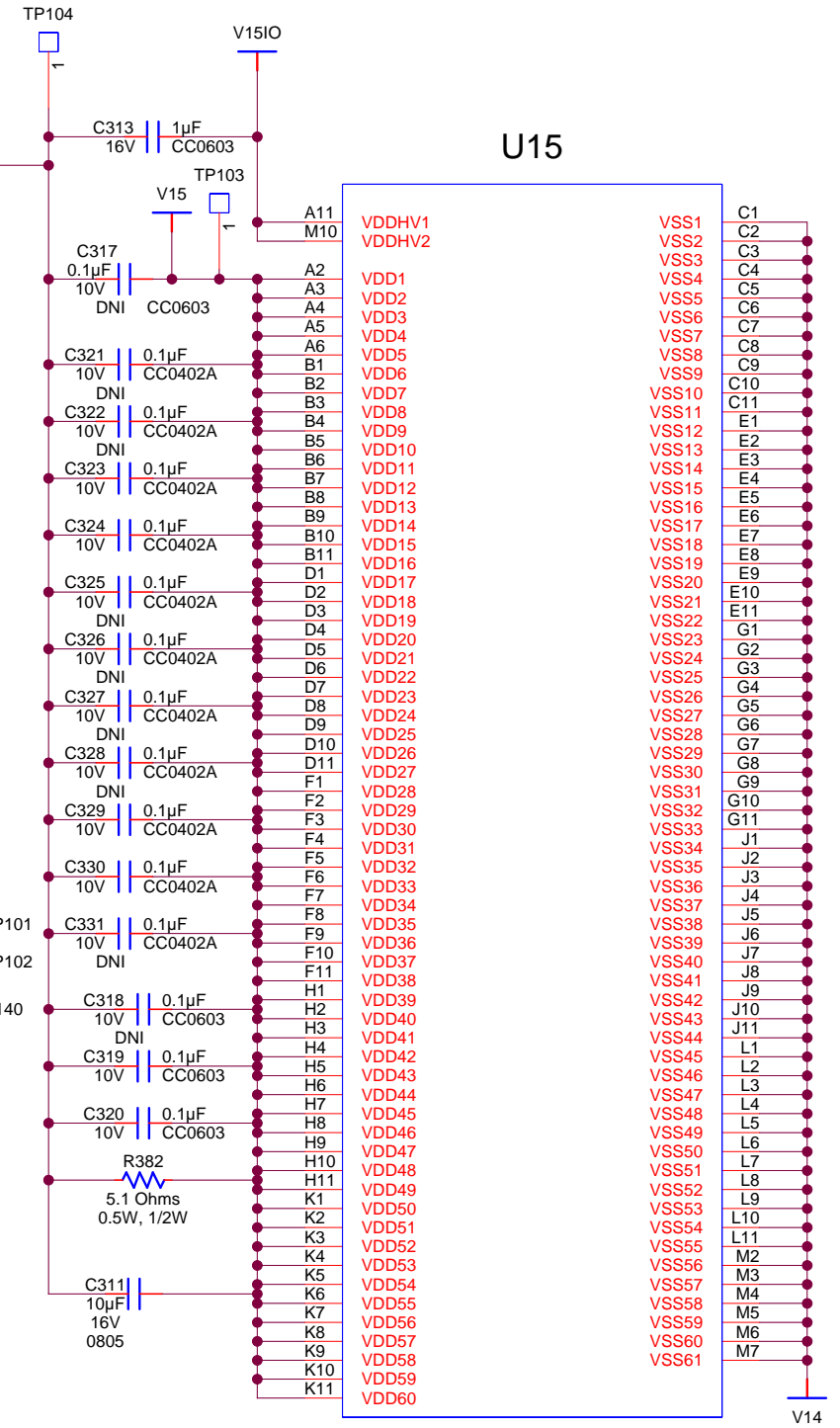
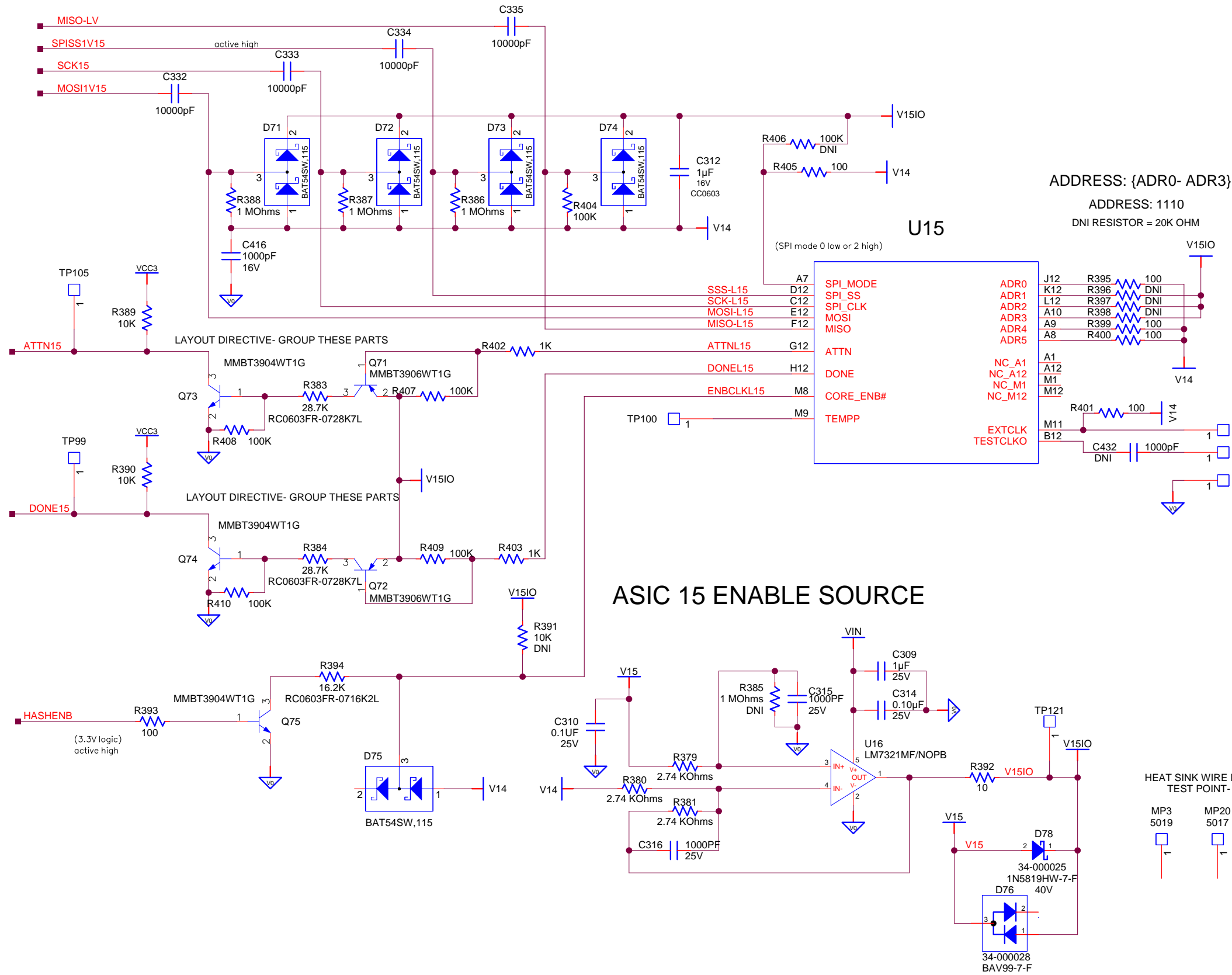
115 Cedar Street, Milford, MA 01757 (508)478-0042


TITLE
SC1 HASHING BOARD- ASIC14

SIZE B	DWG NO 742900	REV 2
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ASIC 15





115 Cedar Street, Milford, MA 01757 (508)478-0042

TITLE
SC1 HASHING BOARD- ASIC15

SIZE B	DWG NO 742900	REV 2
DRAWN BY TR/TD/ML		
DATE 06/19/18:15:16 SHEET 18 of 18		