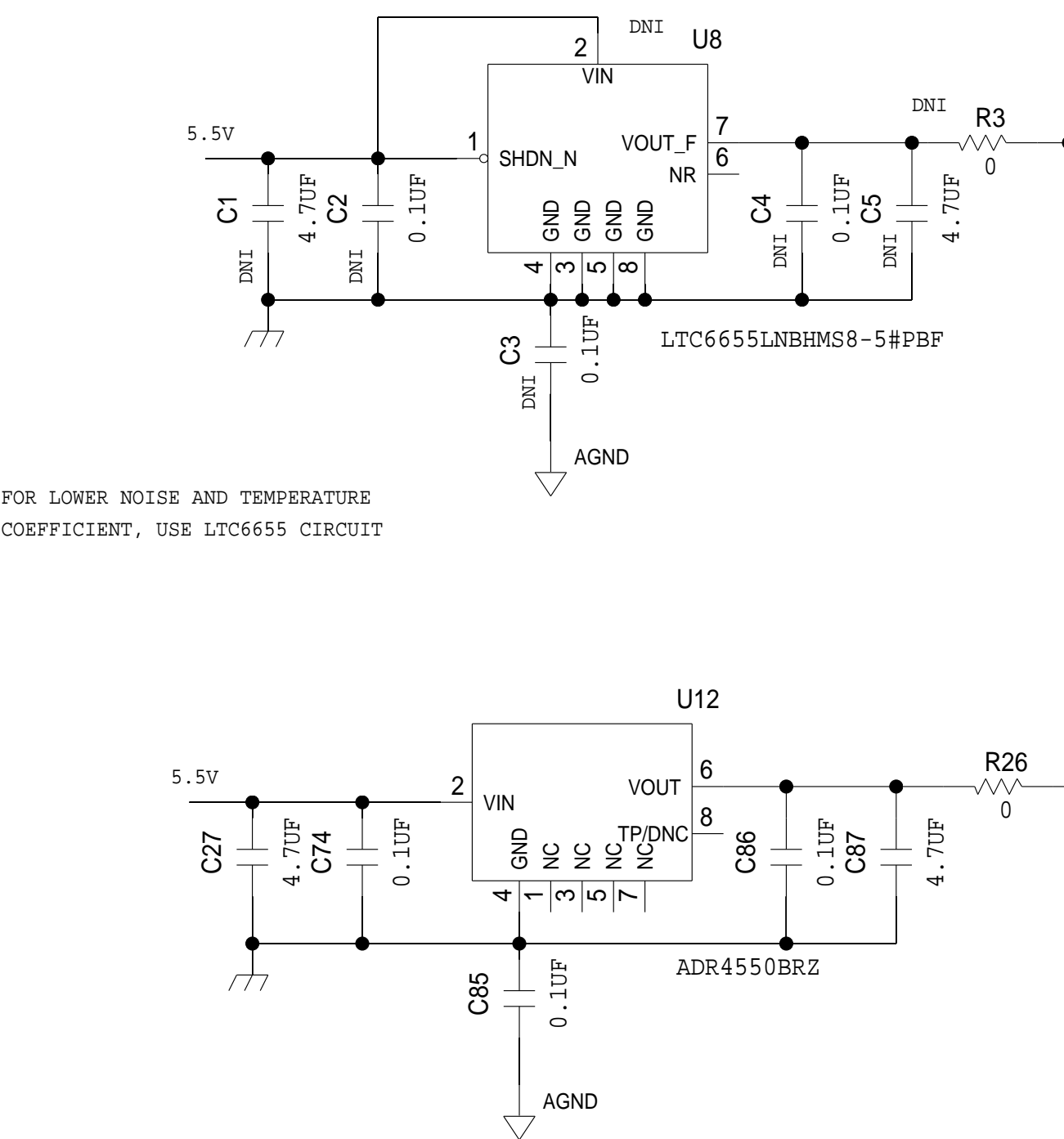


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| 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | | | |
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| | | | | | | | | | | | REV | DESCRIPTION | | DATE | APPROVED | | |
| | CONTROL | CODE | DEVICE | FUNCTION | CONNECTOR | JP# | ON | OFF | | | | | | | | | |
| | | | | | | 1 | | | | | | | | | | | |
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| | | | | | | 5 | | | | | | | | | | | |
| | | | | | | * SEE ASSEMBLY INSTRUCTIONS | | | | | | | | | | | |
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| P.O SPEC. | | BK/BD SPEC. | | SOCKET OEM | | OEM PART# | | HANDLER | | TEMPLATE ENGINEER - | | DATE | | SCHEMATIC | | | |
| | | | | | | | | | | HARDWARE SERVICES - | | | | | | | |
| | | | | | | | | | | | | | | | | HW TYPE : Customer Evaluation | |
| | | | | | | | | | | | | | | | | Product(s): AD7175-8 | |
| | | | | | | | | | | | | | | | | : N/A | |
| | | | | | | | | | | | | | | | | PACKAGE : LeadCount-lead BodySize PackageType-family | |
| | | | | | | | | | | | | | | | | : Pitch-pitch StyleVendor Style | |
| | | | | | | | | | | | | | | | | <User Define> | |
| | | | | | | | | | | | | | | | | <User Define> | |
| | | | | | | | | | | | | | | | | <User Define> | |
| | | | | | | | | | | | | | | | | DESIGNER | |
| | | | | | | | | | | | | | | | | - | |
| | | | | | | | | | | | | | | | | MASTER PROJECT TEMPLATE | |
| | | | | | | | | | | | | | | | | TBD | |
| | | | | | | | | | | | | | | | | TESTER TEMPLATE | |
| | | | | | | | | | | | | | | | | no_template | |
| | | | | | | | | | | | | | | | | DRAWING NO. | |
| | | | | | | | | | | | | | | | | 02_067173 | |
| | | | | | | | | | | | | | | | | REV. | |
| | | | | | | | | | | | | | | | | D | |
| | | | | | | | | | | | | | | | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | |
| | | | | | | | | | | | | | | | | TOLERANCES | |
| | | | | | | | | | | | | | | | | DECIMALS | |
| | | | | | | | | | | | | | | | | X.XX +-0.010 | |
| | | | | | | | | | | | | | | | | X.XXX +-0.005 | |
| | | | | | | | | | | | | | | | | FRACTIONS | |
| | | | | | | | | | | | | | | | | +-1/32 | |
| | | | | | | | | | | | | | | | | ANGLES | |
| | | | | | | | | | | | | | | | | +-2 | |
| | | | | | | | | | | | | | | | | SIZE | |
| | | | | | | | | | | | | | | | | D | |
| | | | | | | | | | | | | | | | | SCALE | |
| | | | | | | | | | | | | | | | | 1:1 | |
| | | | | | | | | | | | | | | | | CODE ID NO. | |
| | | | | | | | | | | | | | | | | CodeID | |
| | | | | | | | | | | | | | | | | SHEET 1 | |
| | | | | | | | | | | | | | | | | OF 6 | |
| 8 | | 7 | | 6 | | 5 | | 4 | | 3 | | 2 | | 1 | | | |

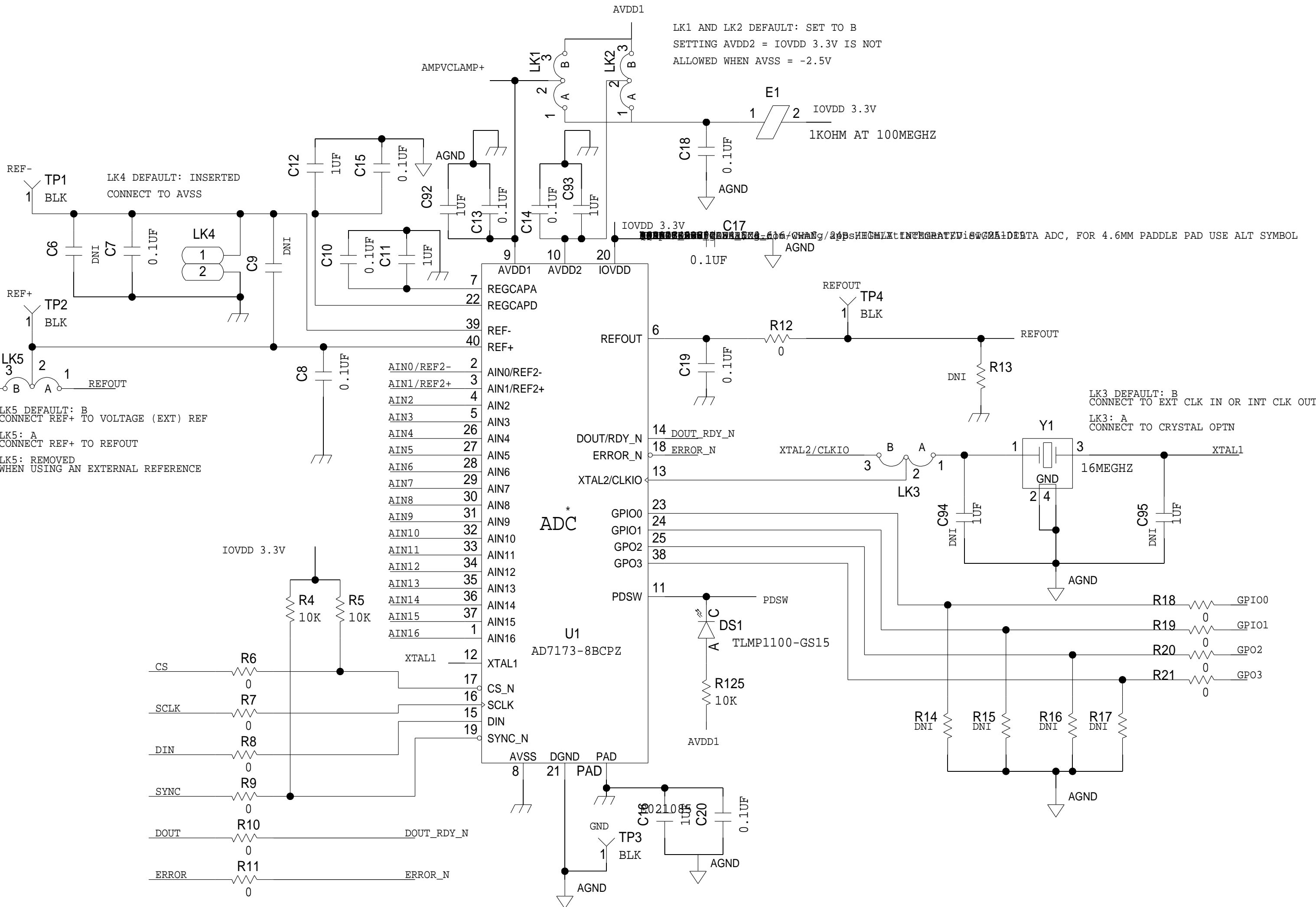
ADC AD717X-8

| REVISIONS | | | |
|-----------|-------------|------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| | | | |

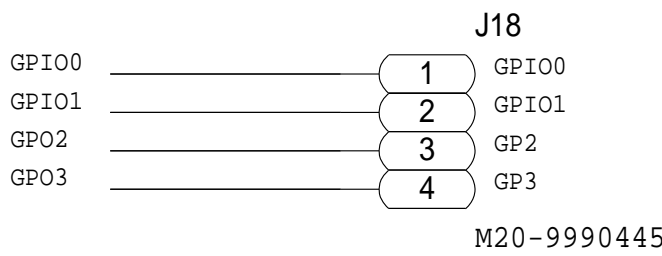
VOLTAGE REFERENCE



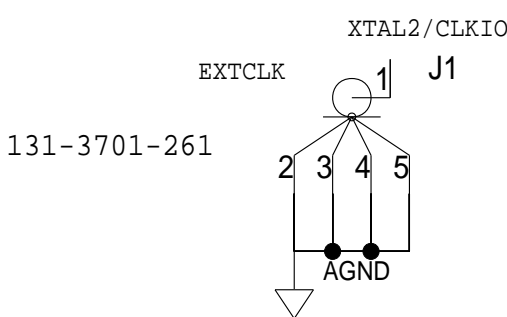
FOR LOWER NOISE AND TEMPERATURE
COEFFICIENT, USE LTC6655 CIRCUIT



TERMINAL BLOCK GPIO



EXTERNAL CLOCK INPUT OR
ADC INTERNAL CLOCK OUTPUT

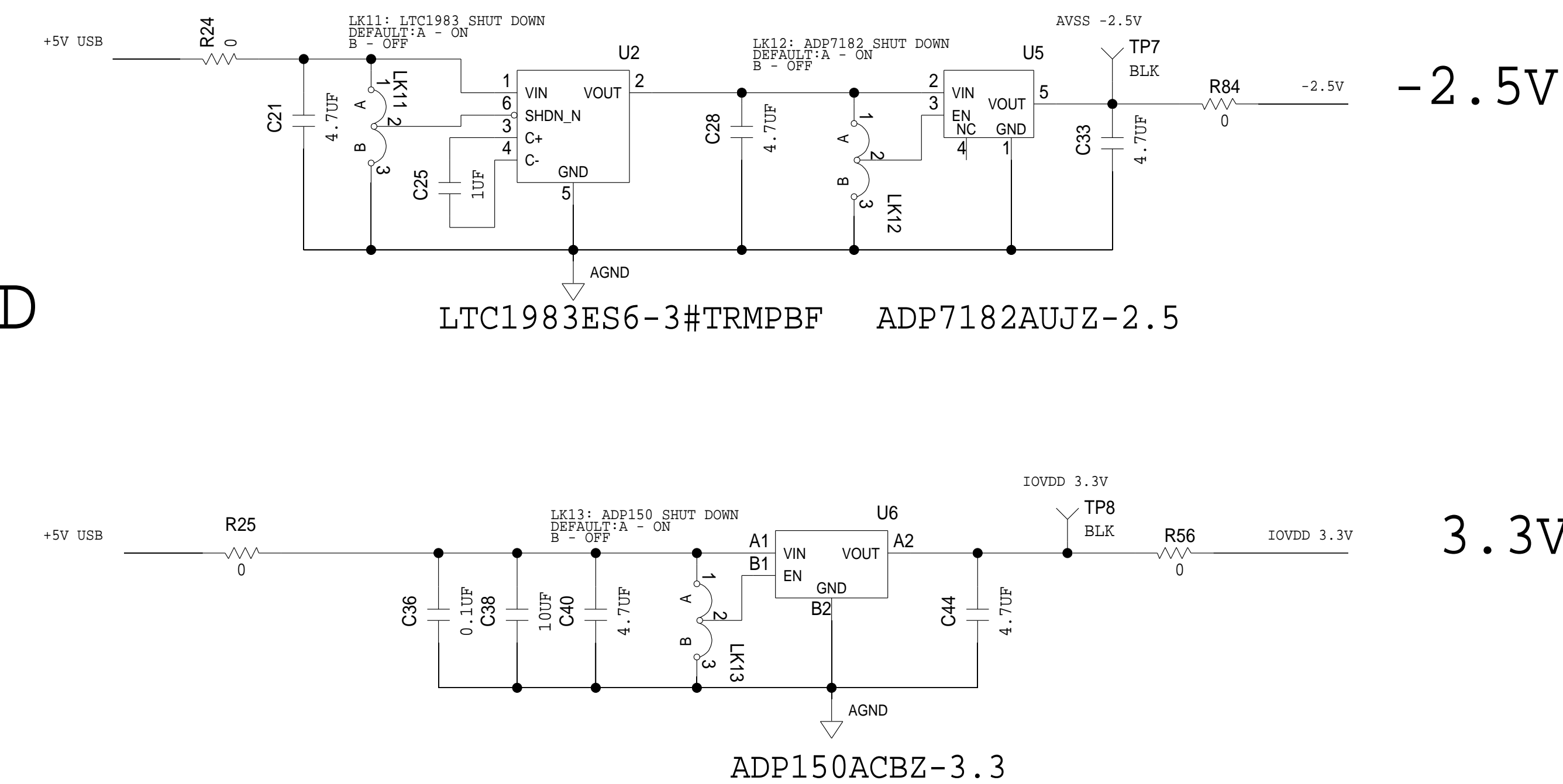


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| SCHEMATIC | | | |
|--|--------------------------|--------------|--------------|
| HW TYPE : Customer Evaluation Product(s): AD7175-8 : N/A | | | |
| DESIGN VIEW <DESIGN_VIEW> | DRAWING NO. 02_067173 | REV D | |
| PTD ENGINEER ROD JOERVIE ADANTE | SIZE D | SCALE 1:1 | SHEET 2 OF 6 |

AVDD2

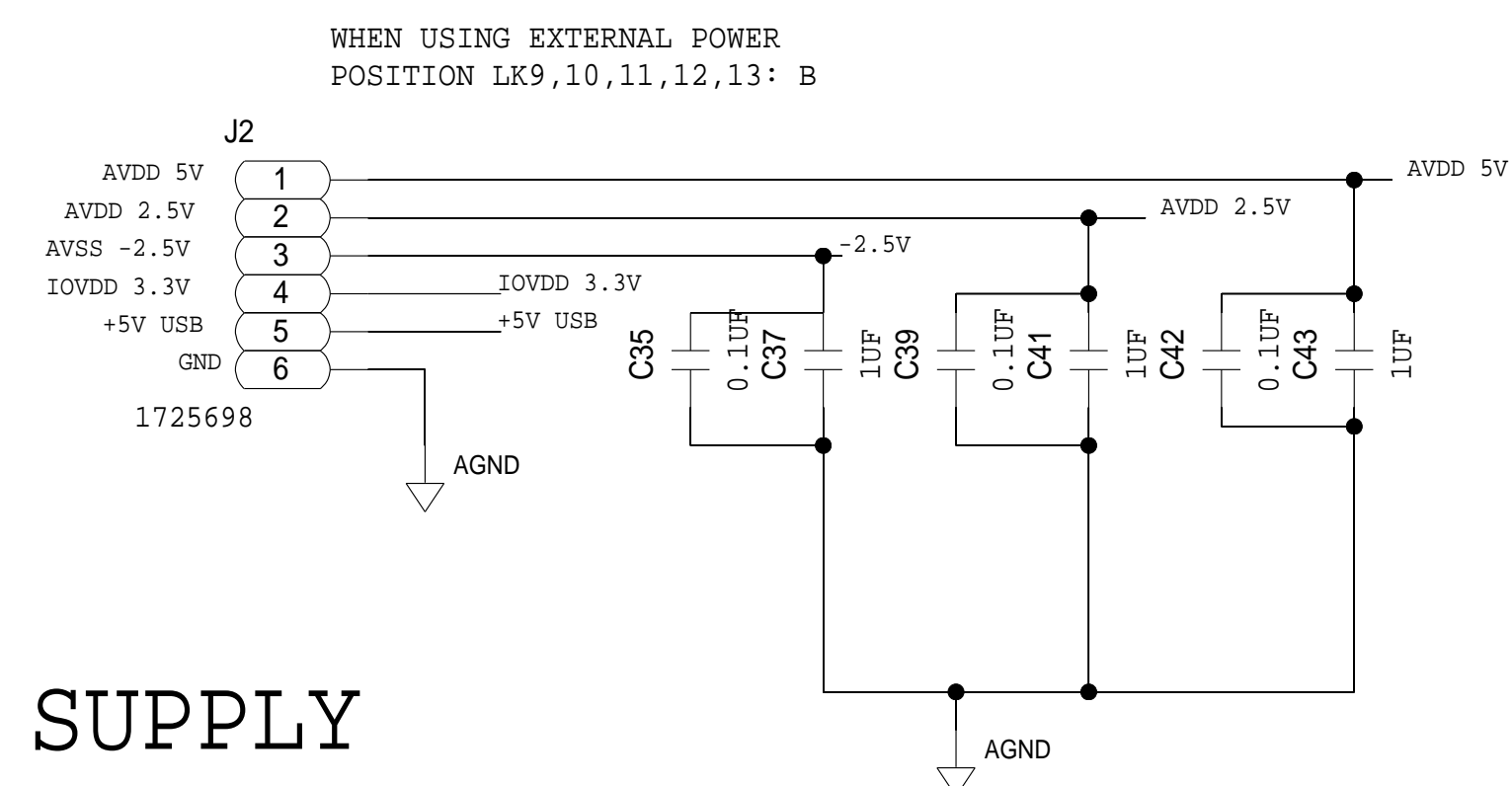
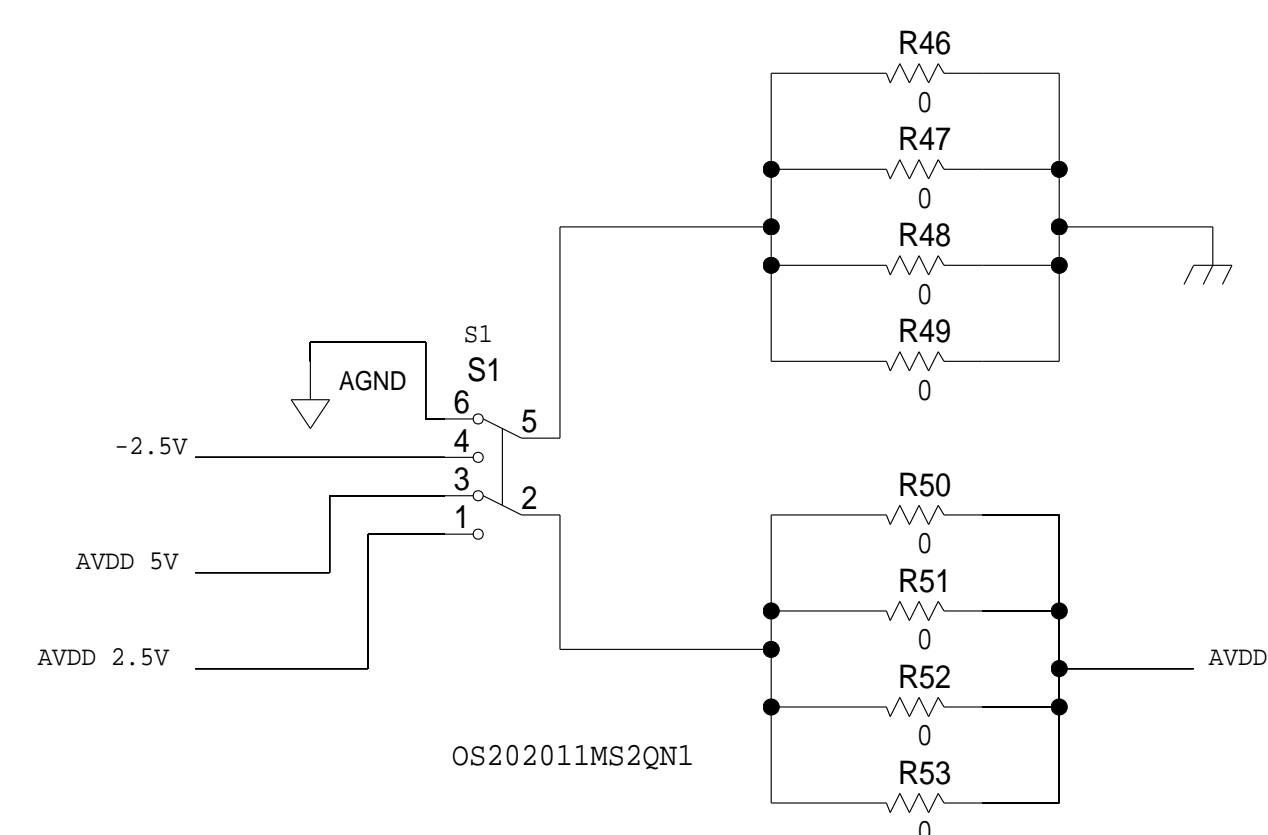
IOVDD




EXT PWR

-2.5V

3.3V

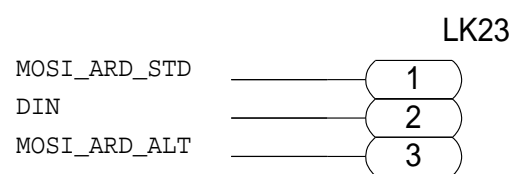
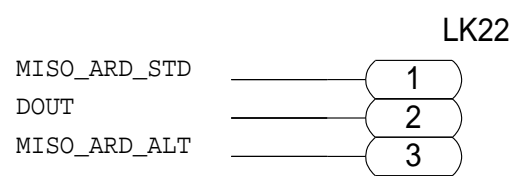
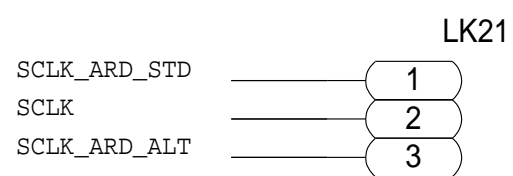
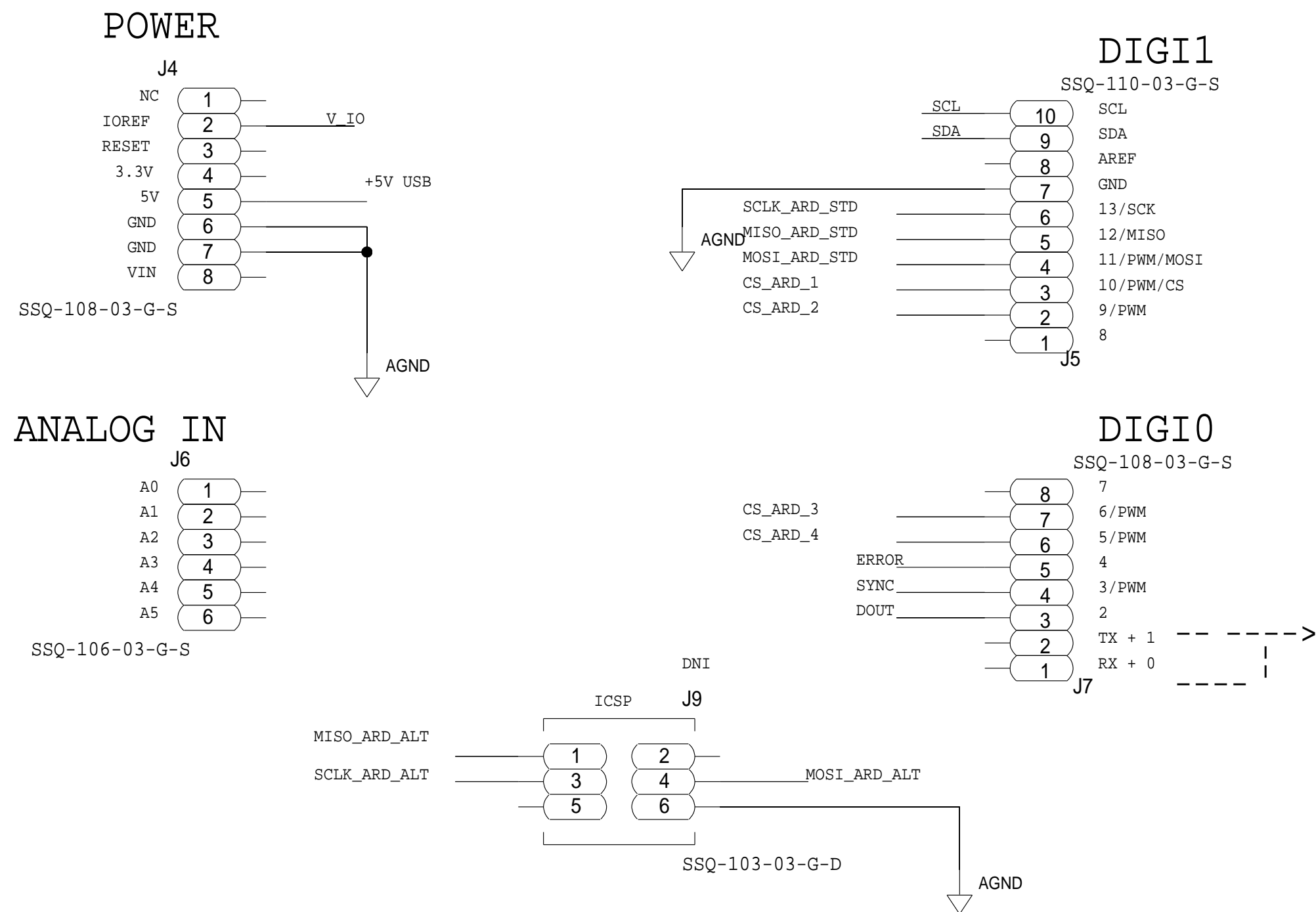


SWITCH 1 POSITION
A:SINGLE SUPPLY
B:SPLIT SUPPLY

| | | | | | |
|---|---|--|--------------------------|---------|----------|
|  ANALOG DEVICES | SCHEMATIC | | | | |
| | HW TYPE : Customer Evaluation Product(s) : AD7175-8 : N/A | | | | |
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| | PTD ENGINEER ROD JOERVIE ADANTE | | SIZE 1:1 | SHEET 3 | OF 6 |

CONTROLLER BOARDS

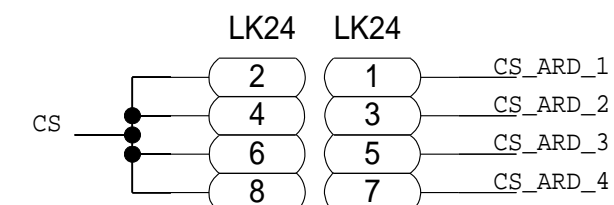
ARDUNIO HEADER



STD = STANDARD ARDUINO CONNECTION
ALT = ALTERNATE ARDUINO CONNECTION

LK21 DEFAULT: A
CONNECT SCLK TO STANDARD ARDUINO CONNECTION
LK22 DEFAULT: A
CONNECT DOUT TO STANDARD ARDUINO CONNECTION
LK23 DEFAULT: A
CONNECT DIN TO STANDARD ARDUINO CONNECTION
LK24 DEFAULT: A
CONNECT CS TO STANDARD ARDUINO CONNECTION

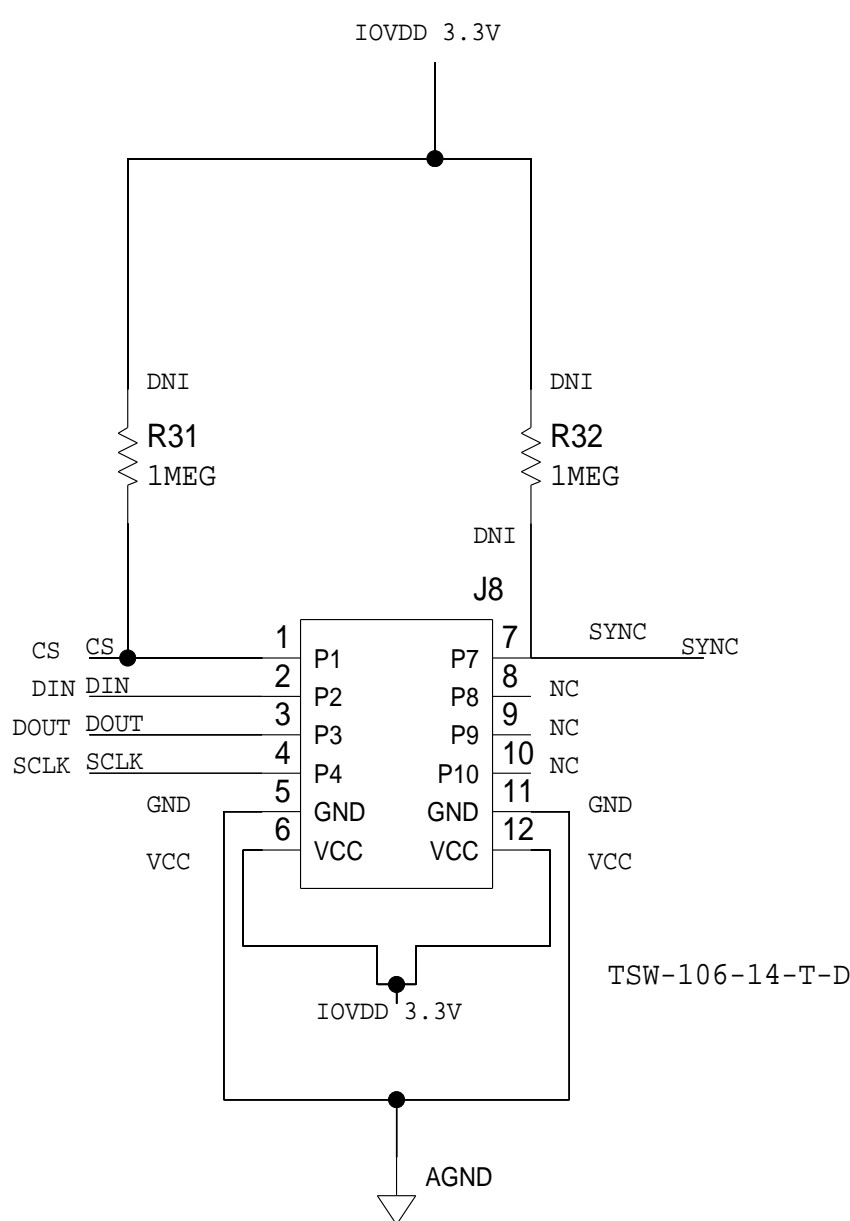
ARDUINO HEADER CS SELECTION SELECT DIFFERENT CS FOR STACKING MULTIPLE BOARDS



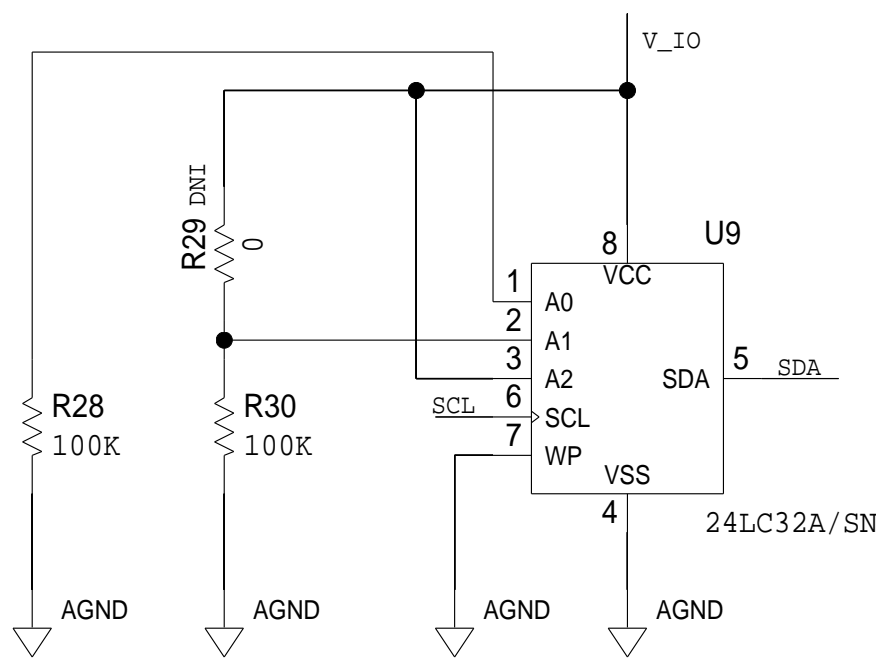
TLW-104-05-T-D

TLW-104-05-T-D

PMOD



EEPROM

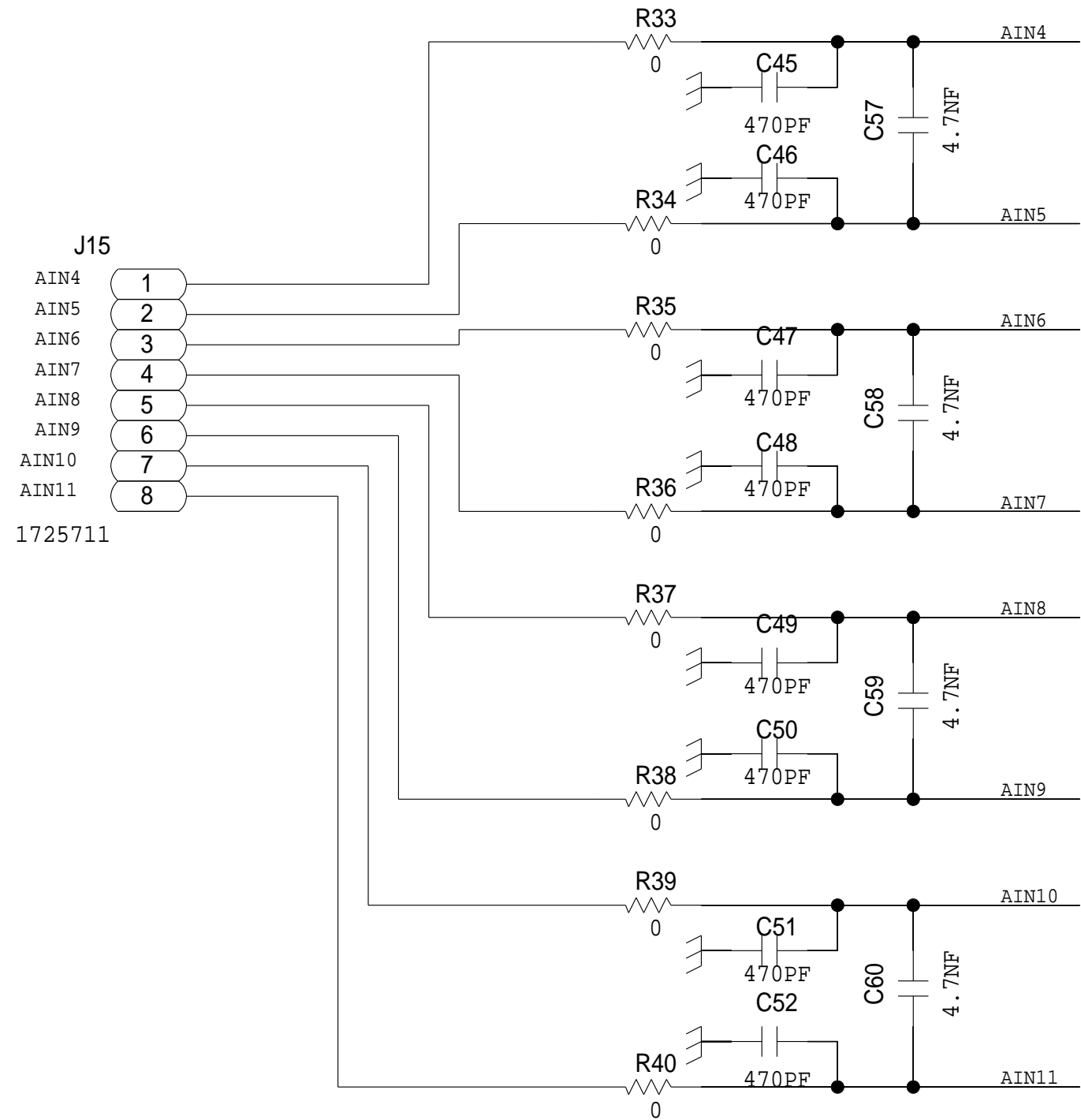


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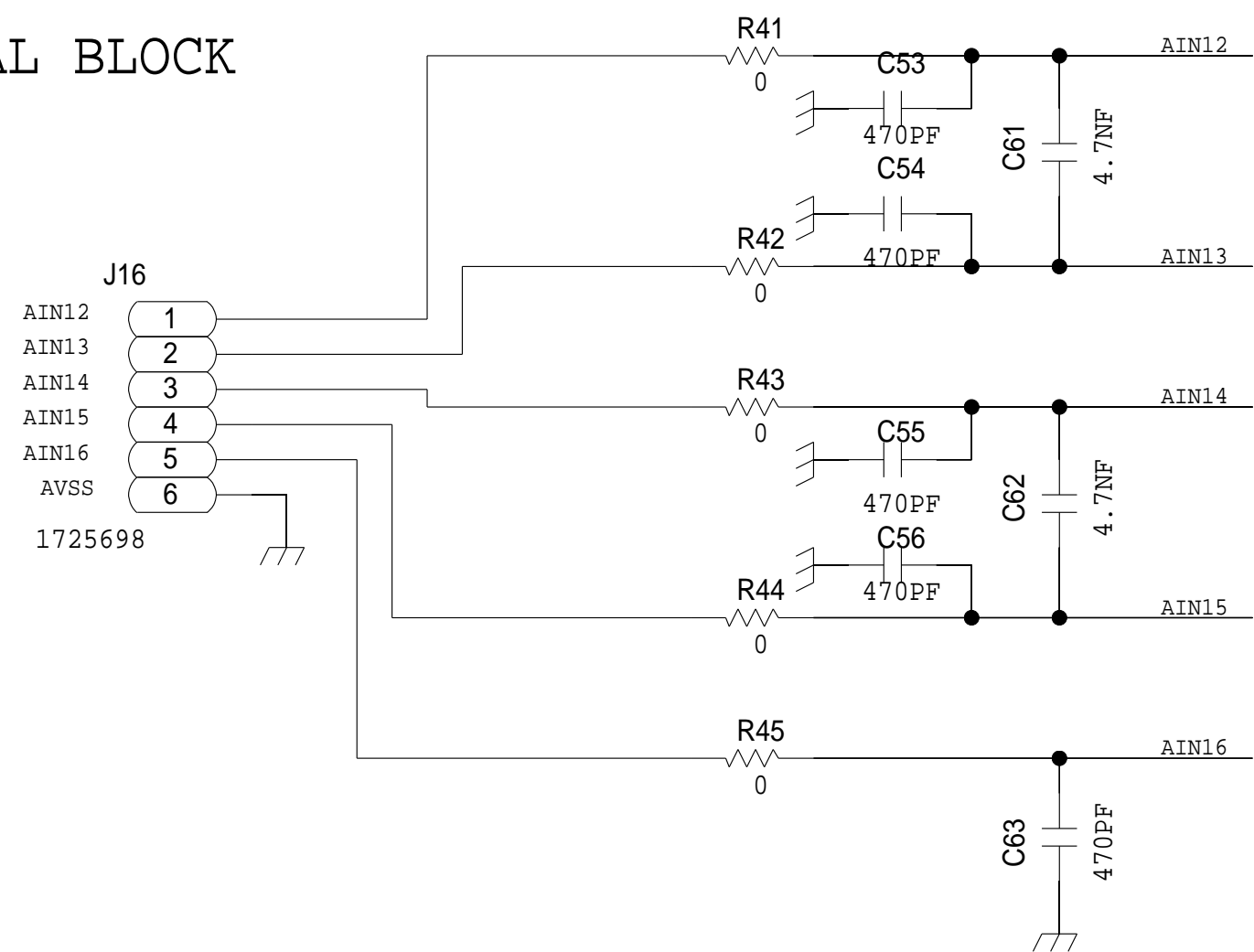
| SCHEMATIC | | | |
|--|--------------------------|--------------|--------------|
| HW TYPE : Customer Evaluation Product(s): AD7175-8 : N/A | | | |
| DESIGN VIEW <DESIGN_VIEW> | DRAWING NO. 02_067173 | REV D | |
| PTD ENGINEER ROD JOERVIE ADANTE | SIZE D | SCALE 1:1 | SHEET 4 OF 6 |

ANALOG INPUTS

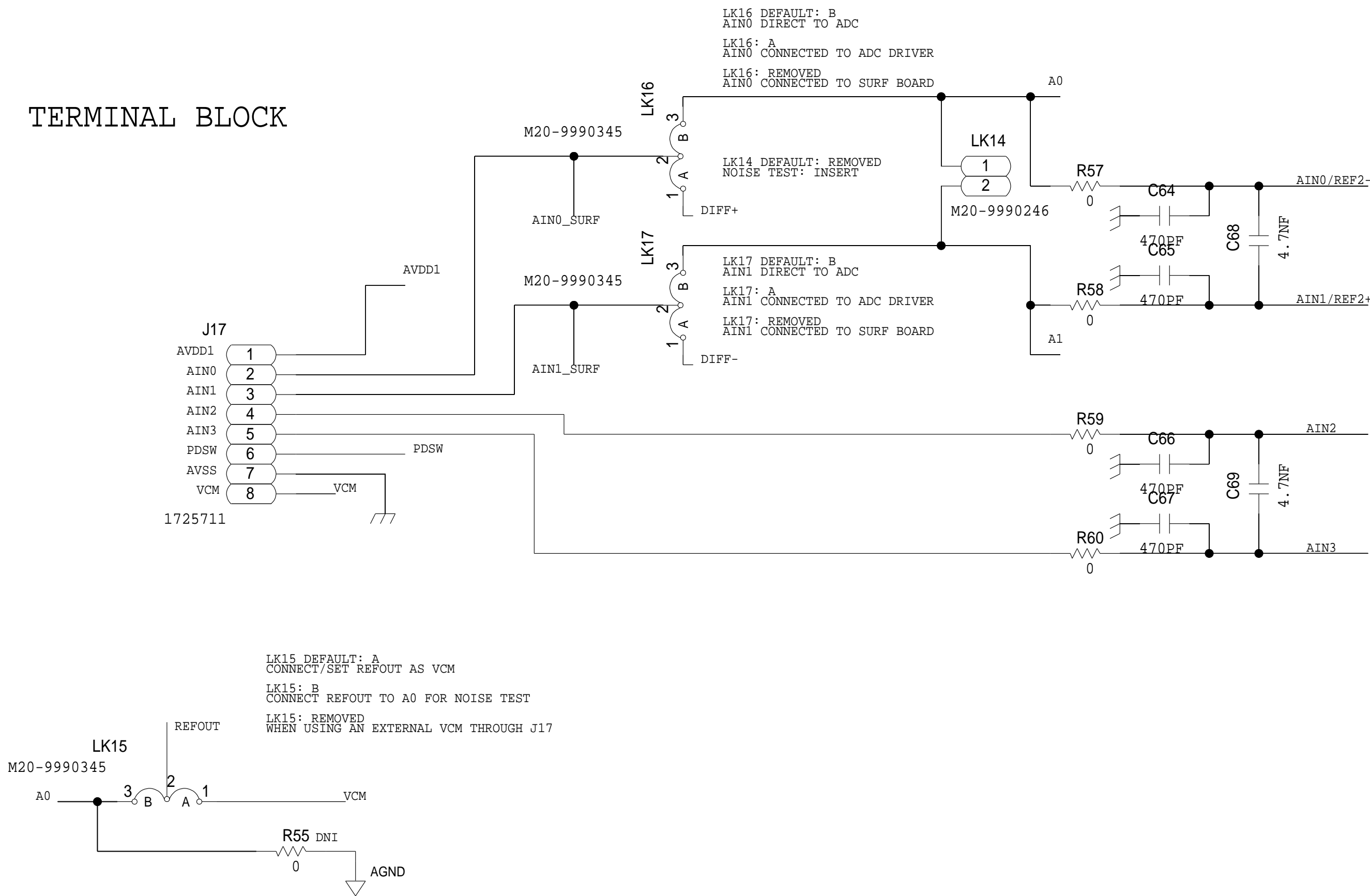
TERMINAL BLOCK



TERMINAL BLOCK



TERMINAL BLOCK



SCHEMATIC

HW TYPE : Customer Evaluation
Product(s): AD7175-8
: N/A

DESIGN VIEW
<DESIGN_VIEW>
PTD ENGINEER
ROD JOERVIE ADANTE

DRAWING NO.
02_067173

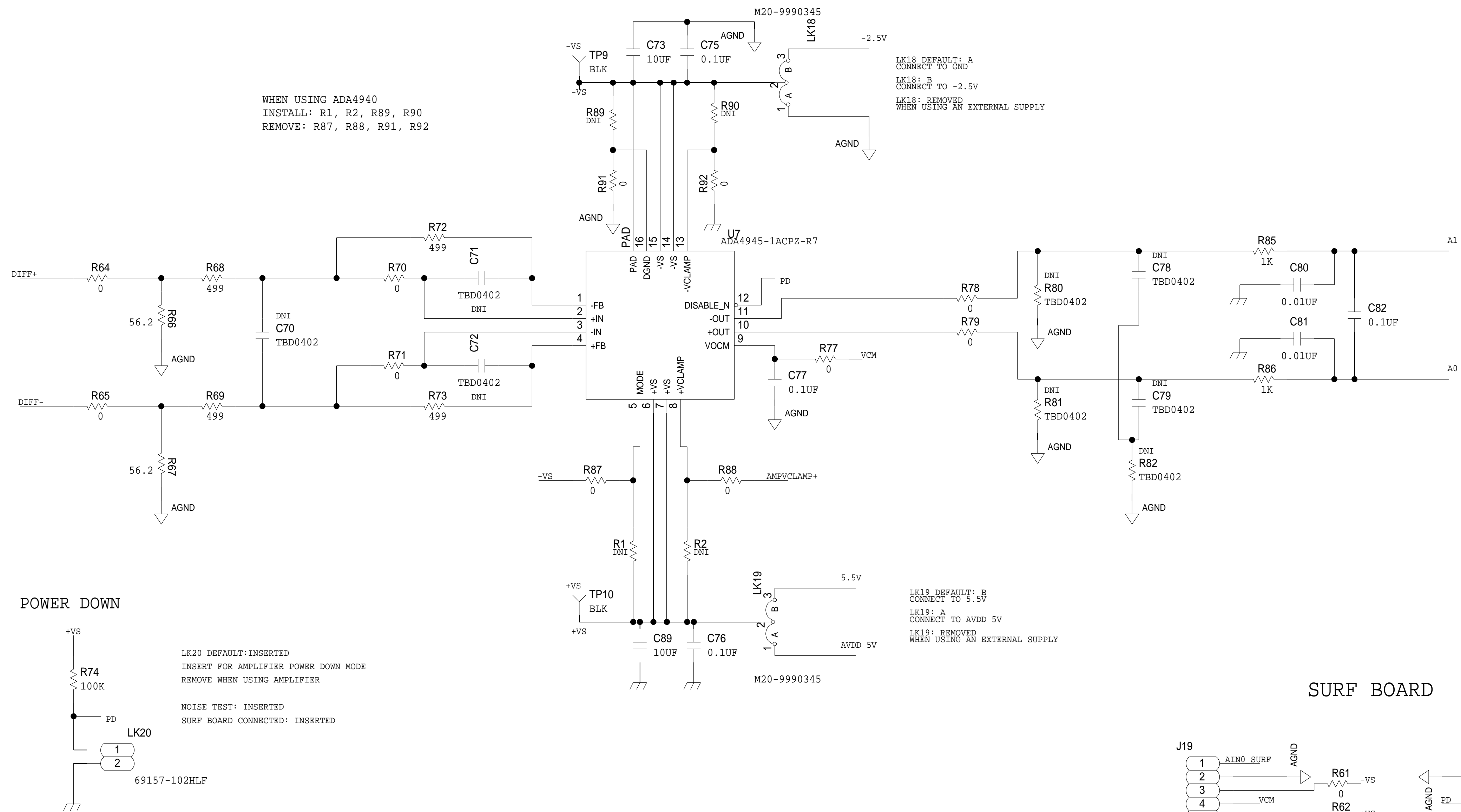
SIZE
D

SCALE
1:1

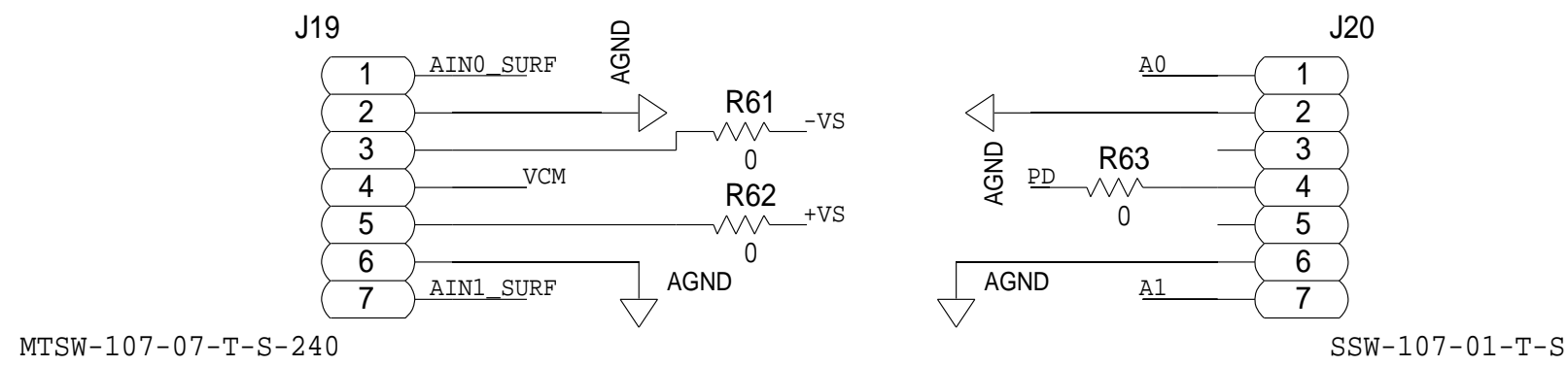
SHEET 5 OF 6

REV
D

ADC DRIVER



SURF BOARD



| SCHEMATIC | | | |
|--|--------------------------|--------------|--------------|
| HW TYPE : Customer Evaluation Product(s): AD7175-8 : N/A | | | |
| DESIGN VIEW <DESIGN_VIEW> | DRAWING NO. 02_067173 | REV D | |
| PTD ENGINEER ROD JOERVIE ADANTE | SIZE D | SCALE 1:1 | SHEET 6 OF 6 |