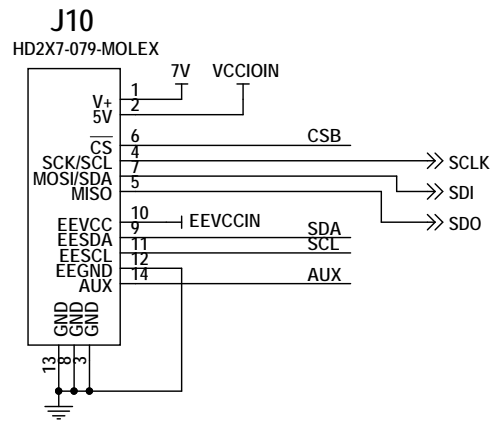
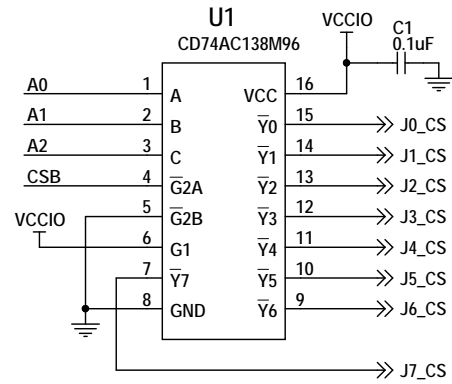


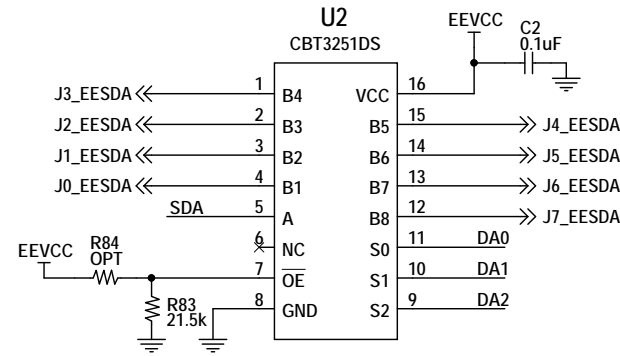
DC2026/DC590 INPUT



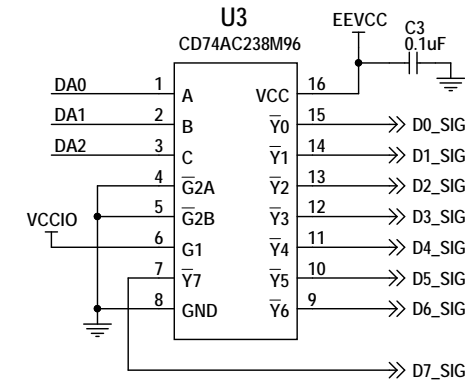
CS FANOUT



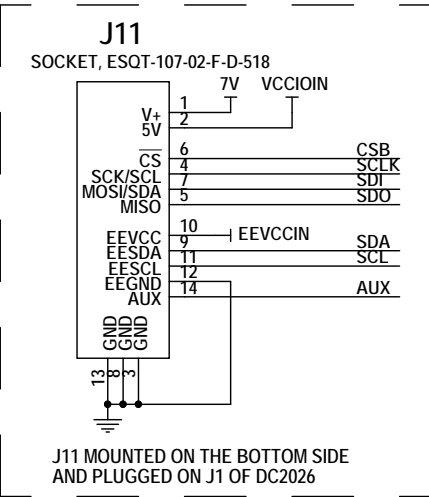
EESDA FANOUT



CONTROLS LEDES D0 - D7

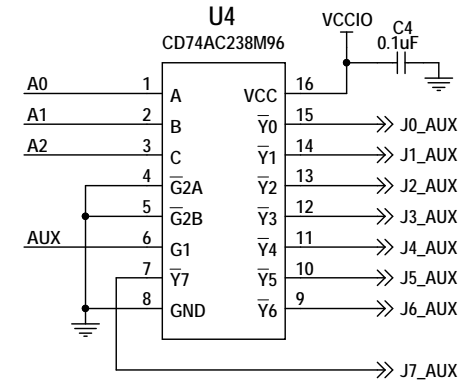


| REVISION HISTORY | | | | |
|------------------|-----|-------------|----------|----------|
| ECO | REV | DESCRIPTION | APPROVED | DATE |
| - | 2 | PRODUCTION | CHRIS P. | 06-03-16 |

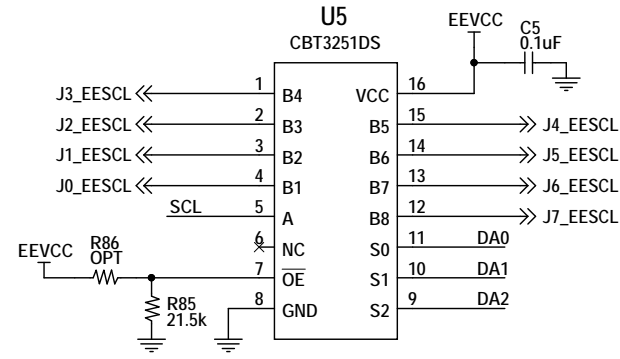


J11 MOUNTED ON THE BOTTOM SIDE AND PLUGGED ON J1 OF DC2026

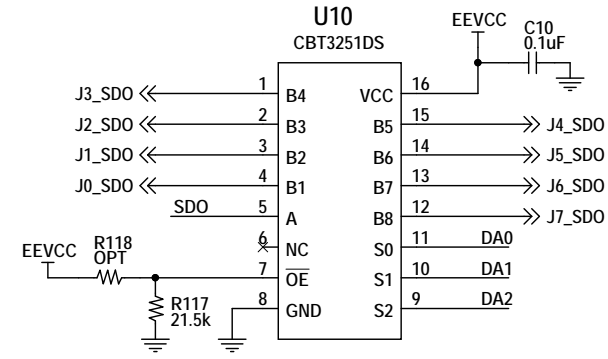
GPIO FANOUT



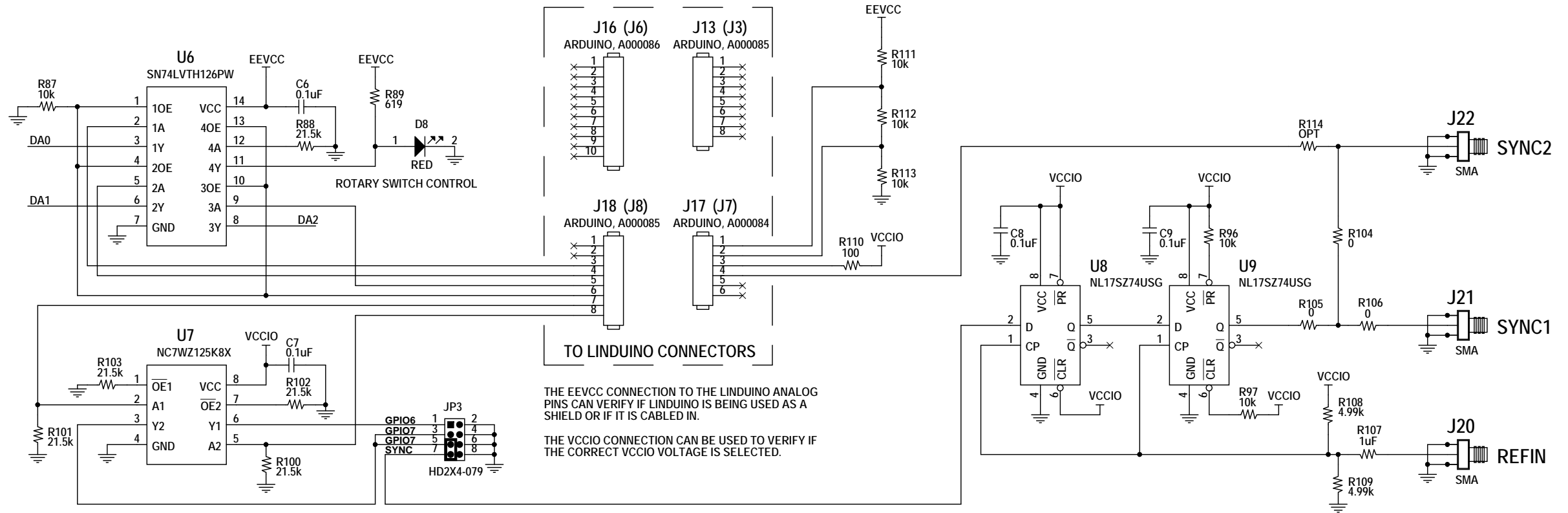
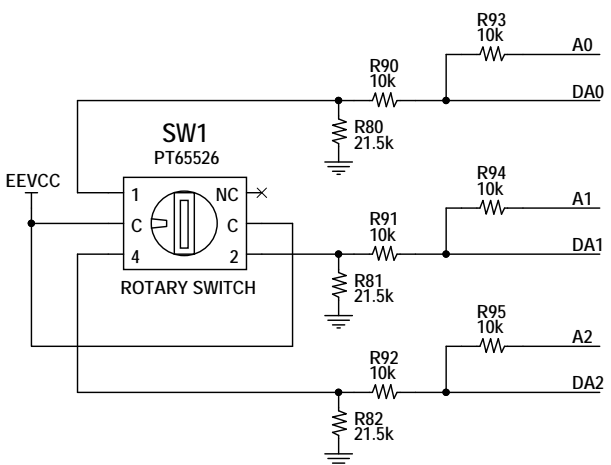
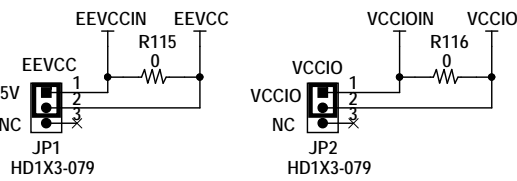
EESCLK FANOUT



SDO FANOUT



FOR EXTERNAL SUPPLIES, MOVE SHUNTS ON JP1 AND JP2 TO PINS 2&3 (NC) IF EXTRA CURRENT REQUIRED



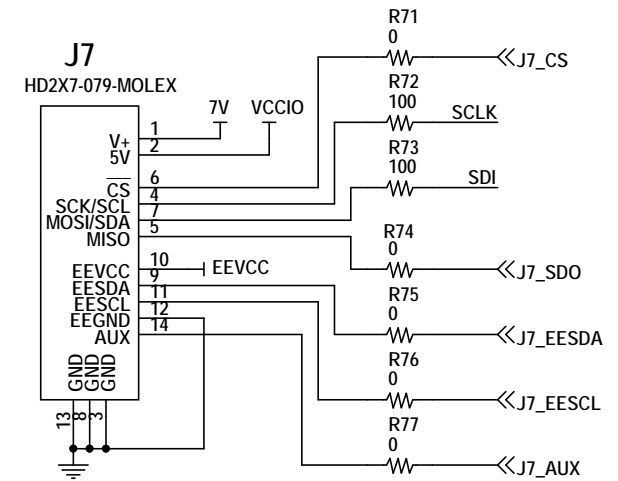
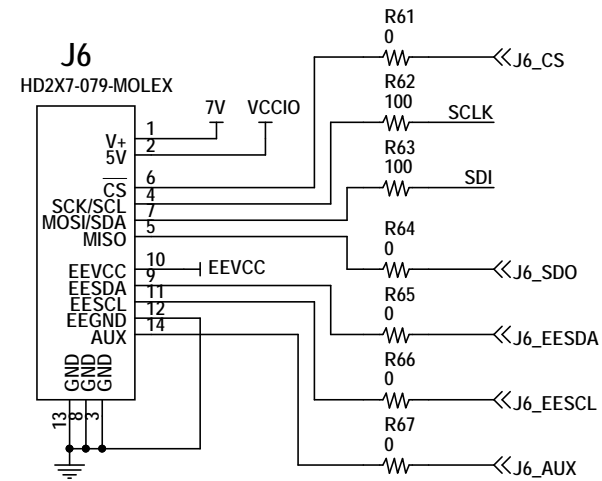
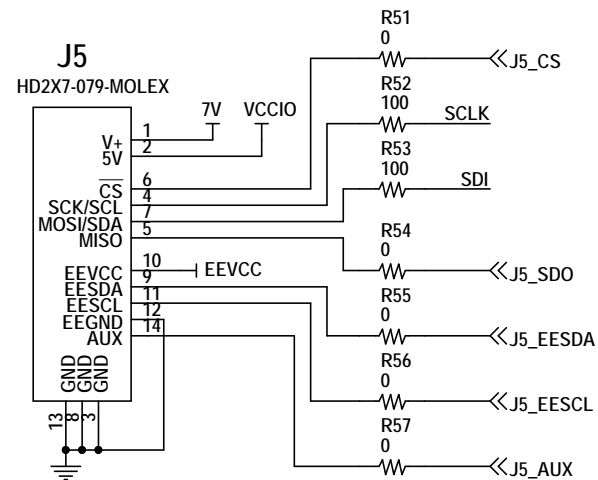
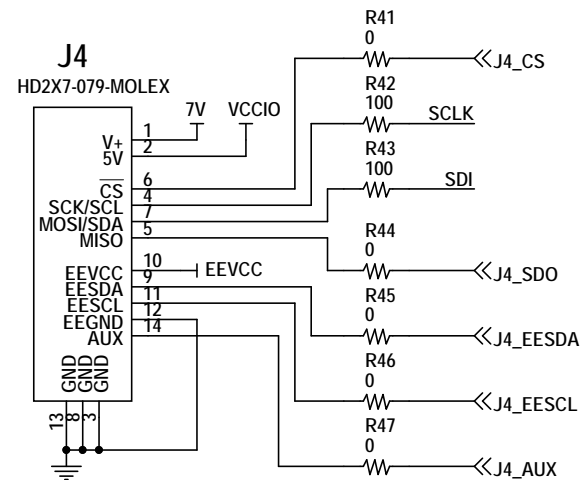
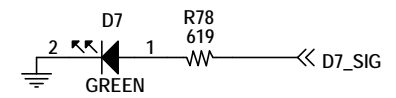
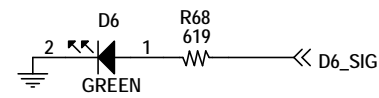
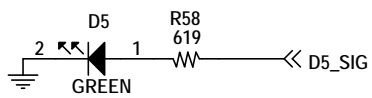
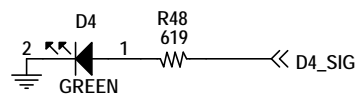
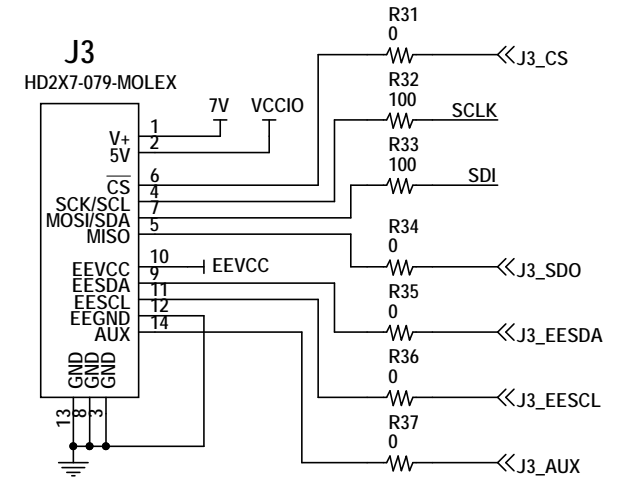
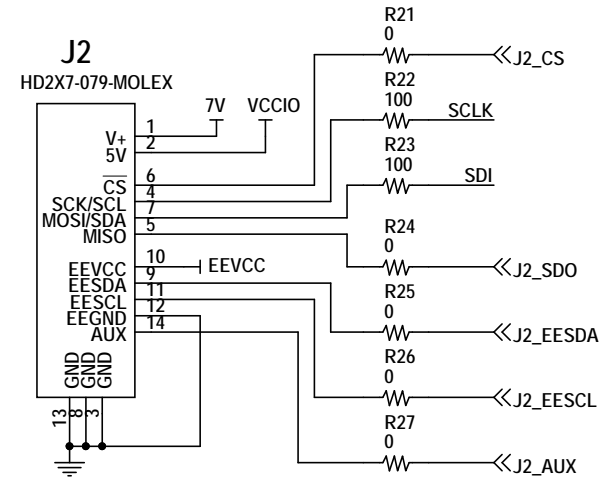
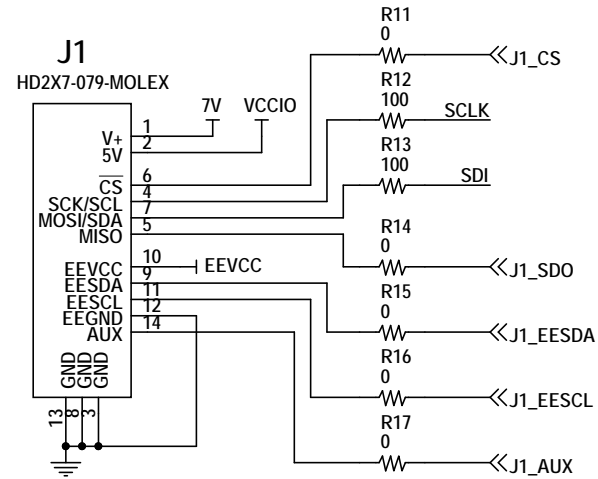
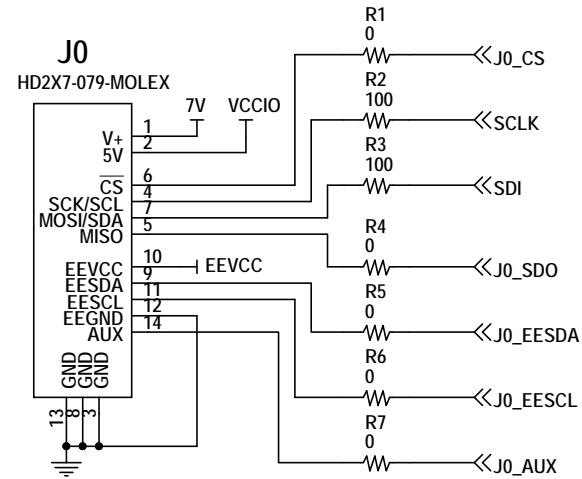
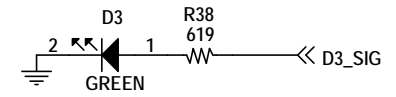
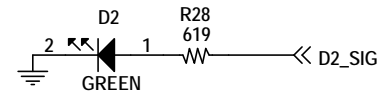
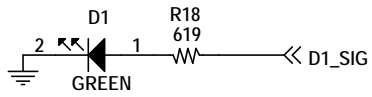
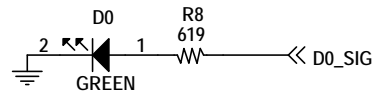
THE EEVCC CONNECTION TO THE LINDUINO ANALOG PINS CAN VERIFY IF LINDUINO IS BEING USED AS A SHIELD OR IF IT IS CABLED IN.

THE VCCIO CONNECTION CAN BE USED TO VERIFY IF THE CORRECT VCCIO VOLTAGE IS SELECTED.

- NOTE: UNLESS OTHERWISE SPECIFIED**
- ALL RESISTORS ARE IN OHMS, 0402
 - ALL CAPACITORS ARE IN MICROFARADS, 0402.

| | | | | | | | |
|--|--|--|--|----------------------------------|--|--|--|
| CUSTOMER NOTICE LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE. | | APPROVALS PCB DES. KIM T. APP ENG. CHRIS P. | | | | 1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only | |
| THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS. | | | | SCALE = NONE | | DATE: Friday, June 03, 2016 | |
| TITLE: SCHEMATIC | | | | LINDUINO SPI 1:8 EXPANDER SHIELD | | | |
| SIZE N/A | | IC NO. | | REV. 2 | | DEMO CIRCUIT 2430A | |
| SHEET 1 OF 2 | | | | SHEET 1 OF 2 | | | |

DC2026/DC590 INTERFACE FAN OUT



CUSTOMER NOTICE

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APPROVALS

PCB DES. KIM T.
APP ENG. CHRIS P.

SCALE = NONE



1630 McCarthy Blvd.
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TITLE: SCHEMATIC

LINDUINO SPI 1:8 EXPANDER SHIELD

SIZE N/A

IC NO. DEMO CIRCUIT 2430A

REV. 2

DATE: Monday, April 18, 2016

SHEET 2 OF 2