This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/. Cap Pol1 PWR2.5 12VDC INPUT 10uF 25V VOUT MAPPING FOR LAYOUT PURPOSES C3 Cap Pol1 10uF 25V S VOUT LED_COL0 LM1117 7 LED COL1 8 LED COL8 9 LED COL0 LED COL1 LED COL2 LED COL3 11 LED COL15 12 LED COL7 LED COL5 LED COL6 LED COL7 LED COL8 LED COL9 14 LED COL14 15 LED COL5 C8 Cap Pol1 10uF 25V 16 LED COL13 +C13 Cap Pol3 2.2uF TANT SDA RESET LED COL13 LED COL14 LED COL15 GND GND GND REXT TLC59116 R5 Res3 4.7K PA0 (PCINTO/AREF) PA1 (PCINT1/AIN0) PC0 (ADC9/OC0A/XCK0/PCINT12) PC1 (ADC10/ICP1/SCL/USCK/XCK1/PCINT13) PC2 (ADC11/CLKO/INT0/PCINT14)
PC3 (RESET/dW/PCINT15)
PC4 (XTAL2/PCINT16) PA2 (PCINT2/AIN1) PA3 (PCINT3/T1/SNS/ADC0) PA4 (PCINT4/T0/ADC1) PA5 (PCINT5/OC0B/ADC2) PA6 (PCINT6/OC1B/ADC3) PC5 (XTAL1/CLKI/PCINT17) PA7 (PCINT7/RXD0/ADC4) PB0 (PCINT8/TXD0/ADC5) PB1 (ADC6/DI/SDA/RXD1/PCINT9) VCC PB2 (ADC7/DO/TXD1/PCINT10) PB3 (ADC8/OC1A/PCINT11) GND GND (BOTTOM PAD) 21 PAIR LED1.3 with SW 1.3 3.3V /LED1 Res3 150 LED2 D66 PA6, PA5, PB3, PC0 high currentsink capable /LED2 SW-PB Res3 150 LED2 D67 Tangent Audio: AZIZ Ring Light Revision TA-AZIZ-1 LED2 2/28/2013 Sheet1 of 2

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/. OLED BREAKOUT ATTINY1634 BREAKOUT BVDDC17 + (Cap Pol3 + Cap Pol3 Cap Pol3 2.2uF TANT B PC0 TP)TP17 12C MODE TP TP18 (PICKONE) TP TP19 DISP1 B PA1 TP TP20 PA0 (PCINT0/AREF) PC0 (ADC9/OC0A/XCK0/PCINT12) PC1 (ADC:10/ICDI/SCL/USCK/XCK1/PCINT13)
PC2 (ADC11/CLKO/INT0/PCINT14)
PC3 (RESET/dW/PCINT15)
PC4 (XTAL2/PCINT16) PA1 (PCINT1/AIN0) PA2 (PCINT2/AIN1) BS2 CS RES D/C PA3 (PCINT3/T1/SNS/ADC0) PA4 (PCINT4/T0/ADC1) BVDD PA5 (PCINT5/OC0B/ADC2) PA6 (PCINT6/OC1B/ADC3) PC5 (XTAL1/CLKI/PCINT17) TP TP10 TP)TP22 PA7 (PCINT7/RXD0/ADC4) R/\overline{W} TP TP23 TP)TP24 VCC BGND2 TP)TP13 GND (BOTTOM PAD) BVCC PB3 (ADC8/OC1A/PCINT11) TP)TP14 ATTiny1634 TP TP15 Cap Pol3 B PB3 R11 Cap Pol3 Res3 1.0uF TANT 500K D68 L1 BVDD BVCC 33uH 385mV R12 R15 <10k 84.5k U5 BVCC EN LMR62421XMF/NOPB C21 R13 220pF C22 C20 4.7uF LOCATE IN "DONUTHOLE" OF AZIZ PCB Tangent Audio: AZIZ Ring Light - Bonus PCB Size Revision TA-AZIZ-2 R12 /R13 -PICK PULL UP OR PULL DOW N DO NOT INSTALL BOTH Date: 2/28/2013 Sheet2 of 2