## Arduino Mega 2560 Extended I2C Sensor Network

2/28/2018 5:10 PM f=2.71 C:\Users\jonathan\Dropbox\PCB Design\projects\StormNet18\StormNet18-v0.1.sch (Sheet: 1/1)

## Power Mosfet Ring Light SSR 150R WW R6 X XCXR1 GND PCA9600 TZC XCVR TZC XCVR G S IRLZ44 MOSFET D G S IRLZ44 MOSFET D 150R WW R17 Extender SX **NeoPixels** 12C PCA-RX 150R R16 150R WW R5 EN-RING-PS2 70555 P\$2 P\$1 M22812B M22812B 5'\K --\\\ |K5 M22812B M-GPIO18-PIX SK M-X10 Analog and Digital Sensor Connectors SCL1 SDA1 AREF GND 13 11 11 10 9 14(TX3) 15(RX3) 16(TX2) 17(RX2) 18(TX1) 19(RX1) 20(SDA) 21(SCL) HEAD WISOLICSP SCK-ICSP RST-ICSP ICSP MIBOCHUSBP SIGNOSUSBP KEINTHUSBP ACC-IC2b WO2I-IC2b CND-IC2b P\$3/O+5-PS4 P\$2 M-A2 P\$1 (N/C) IOREF RESET 3.3V 5V GND2 GND1 VIN A8 A9 A11 A11 A12 A13 A13 A15 9X-M M-X8 70555 N/C I/OREF RESET 3.3V 5V GND@5 GND@4 A89 A110 A112 A13 A14 A15 +12V HEADER +12V 16V 270uF

## Arduino Nano NeoPixels Controller

