o M1 NOLE O M3 O M4 O M5 O M6 HOLE G1 MOUNTING HOLES **THUNDERFLY** +5V +3V3 +3V3 +3V3 +3V3 +3V3 +3V3 R5 R6 10k 10k U2 PWR\_FLAG ♦ LTC4317 SCLout12 O J3 SM04B-GHS-TB ENABLE1 READY1 SCLout1 2 R3 10k SDAout1 3 SM04B-GHS-TB MP SCLout1 13 SDAout1 SDAIN SDAOUT1 SM04B-GHS-TB o MP XORH1\_5 6 SCLout2 GND GND XORH1 XORH2 3 11 SDAout2 SDAOUT2 XORH2 XORL1 6 XORL1 XORL2 4 XORL2 +3V3 +3V3 +57 GND +5٧ R16 10k R17 GND 10k +5٧ SCLout2 2 SDAout2 3 SCLout22 SDAout23 SM04B-GHS-TB SM04B-GHS-TB 4 MP 4 SM04B-GHS-TB MP → PWR\_FLAG GND GND +3V3 +3V3 R12 1M GND R8 180R R13 887k Address XOR translations: GND GND Output 1: Open - 0x08 Shorted - 0x0f +3٧3 +3V3 Output 2: JP2 ↑ JP1 Open - 0x78 Shorted - 0x7f +5V R14 887k U1 +373 R9 887k MIC5504-3.3YM5 XORL1 XORL2 100nF R10 R15 100nF TFI2CEXT01A LED GREEN EN 1M BZX585-B5V6.115 THUNDER*FLY* GND GND GND I2C address translator  $\rightarrow$ GND GND GND GND Jacho <info@thunderfly.cz> Author: ThunderFly s.r.o. Size: A4 Page: 1/1 Date: 2021-04-05