LED Controller V3 SEGDP SEGDP : SEGDP 1 SEGDP 1 SEGDP 1 SEGDP 1 SEGDP 1 SEGDP 1 DIGO DIG1 DIG2 DIG3 2 DIG4 DIG5 DIG6 DIG7 B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN)SEGA DIGO DIG3 DIG6 DIG7 DIG1 DIG2 DIG4 DIG5 B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN) B2B-XH-A(LE)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)SEGB SEGB SEGB DIG3 DIG7 DIG4 DIG5 DIG6 DIGO DIG1 DIG2 B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)J22 146 SEGC SEGC DIGO DIG1 DIG3 DIG4 DIG5 DIG6 B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)J23 SEGD SEGD SEGD SEGD DIG3 DIG4 DIG5 DIGO DIG7 B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)J16 J24 J32 J40 SEGE DIG1 DIG3 DIG4 SEGE DIG2 DIGO DIG5 DIG6 2 DIG7 B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN) SEGF SEGF SEGF SEGF DIG2 DIG3 DIG4 DIG0 DIG5 DIG6 B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LE)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)SEGG SEGG SEGG SEGG SEGG SEGG DIGO DIG1 DIG2 DIG3 DIG4 DIG5 DIG6 B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN)B2B-XH-A(LF)(SN) B2B-XH-A(LF)(SN) GND * + 10uf | 0.1uf PWR_FLAG ISET18 ISET = SEG_A SEG_B O SEGC SEG_C SEG_D 1 SEGE SEG E SEG_F 7SEGG SEG_G B5B-XH-A(LF)(SN) 2SEGDP GND SEG_DP 2 DIGO DIG 0 1 DIG1 O H1 MountingHole 6 DIG2 DIG_2 7 DIG3 DIG_3 3 DIG4 DIG_4 H2 MountingHole DOUT 3 DIG_5 author: JC Alvarez CS 12 CS 5 DIG6 DIG_6 CLK13 CLK 8 DIG7 DIG_7 MountingHole Sheet: / DIN 1 DIN S DOUT <u> 24</u>DOUT File: LED Controller v3.kicad sch B5B-XH-A(LF)(SN) MAX7221xWG PWR_FLAG MountingHole Title: LED Controller v3 Size: USLetter Date: Rev: 1 GND KiCad E.D.A. kicad (6.0.7) ld: 1/1