Sheet: MCU Sheet: SW0 DUT AOD SW INC OUT_A1 OUT_A1D SW_OUT[OUT_A2 OUT_A3 OUT_A2D OUT_A3D File: switch_3.sch OUT_DIS_A OUT_DIS_AD Sheet: SW1 OUT_BOD OUT_B1 OUT_B2 SW OUTD OUT B1D OUT_B2D OUT_B3 OUT B3D File: switch_4.sch OUT_DIS_B OUT_DIS_BD Sheet: SW2 SW_OUTD DA_SDA_1 \ UCELLS_SDA_1
DA_SDA_2 \ UCELLS_SDA_2
DA_SCLD UCELLS_SCL File: switch_4.sch Sheet: SW3 VREF2D UMIN_1 UMIN_1D SW_OUT UMIN_2 UMIN_2D UMIN 3 UMIN_3D UMIN_4 File: switch_4.sch Sheet: SW4 Sheet: Demultiplexer DIN_A0 UMAX_2 UMAX_3 UMAX 2D SW_OUTD OUT_A1 Sheet: Input_Output UMAX_3D VSUPD OUT_A2 -bin_a2 UMAX_4D -DE_0C_1 0UT_A3 >IN_A3 File: switch_1.sch E_0C_2 -DE_0C_2 DIS_A Sheet: SW5 -->E_0C_3 --□SW_0N_1 IQ_SDA-BT_ST_1 BT_ST_2 SW INC IQ_SCLD SW_OUT SW_ON_2 OUT_B1 E_0C_1 E_0C_2 -DIN_B1 A7D E IN 1 F 0C 1F VSUPD - 01_IN_1 - 01_IN_2 DIN_B2 E_0C_2D OUT_B3 E_OC_3 E_IN_1 E_IN_2 -bin_b3 A9D File: switch 1.sch E_0C_3D OUT_DIS_B Sheet: SW6 IQ SDA SDA_1 E_IN_1 SW_OUT[VDIFF >UMAX_1 UMAX_2 -bumax_2 Sheet: SW1_R File: switch_1.sch UMAX_3 LED_REDD DUMAX_3 BLUE LED_C1 Sheet: SW7 UMAX_4 LED_BLUED DUMAX_4 LED_C1D SW_OUTD SW_IN< LED_C2 B6D LED_C2D SW_OUTD >UMIN_4 File: switch_2.sch LED_C3 UMIN 3 LED_C3D VSUPD ÐUMIN_3 LED_C4 Sheet: SW2_R LED_C4D DUMIN_2 File: switch_1.sch LED_C5 LED_C6 B9D UMIN_1 LED_C5D SW_IN< DUMIN_1 Sheet: SWB LED_C6D File: demux.sch SW_OUT[LED_C7 LED_C8 EXT HEXT 1 LED C7D SW IN< File: switch_2.sch LED_C8D SW_OUTD UCELLS_SDA_1 OUCELLS_SDA_1
UCELLS_SDA_2 OUCELLS_SDA_2 LED_C9 Sheet: SW3_R LED_C9D VSUPD LED_C10 VR2 SW_IN< DEN UCELLS_SCL DUCELLS_SCL File: switch 1.sch LED_C11 LED_C11D SW_OUTE LED_C12 LED_C13 Sheet: SW9 VR2 LED C12D -DUCELLS_VREF2 File: switch_2.sch LED_C13D LED_C14 LED_C15 Sheet: SW4R CELLS_0 LED C14D Sheet: Differential_Amplifier SW_OUT[VR2 LED_C15D VSUPD CELLS_1 ben. LED_C16 AVCC< LED_C16D SW_OUTD OCELLS_2 OCELLS_3 VR2/ VREF2 File: switch_1.sch OA/ OB/ File: switch_2.sch TVDIFF VDIFN Sheet: SW10 CELLS_4 VDIFP< SW_IN< CELLS_5 SW_STOP AGND < SW_STOPD CELLS_6 SW_OUT File: difamp.sch VSUPE kicells_7 File: mcu.sch CELLS_8 File: switch 1.sch CELLS_9 Sheet: SW11 CELLS_11 SW_OUTD -kicells_12 Sheet: Power_Supply VSUPD CELLS_13 R_ON SW_STOP VS/ 12V/ DR_ON VSUP -kicells_14 File: switch_1.sch C15 SW_STOP +12VD CELLS_15 Sheet: SW12 +5VD CELLS_16 BT_ST_1 5VA/ BT_ST_1 +5VAD File: io.sch BT_ST_2 GNDAD SW_OUTD VSUPD File: power_supply.sch File: switch_1.sch Sheet: SW13 Sheet: Leds OB. SW_OUTD RED INC VSUPE BLUE BLUE_IN< O Fiducial File: switch_1.sch Sheet: SW14 LED C1 O Fiducial LED_C2 LED_C2< LED_C3 LED_C4 LED_C3 SW_OUTD O FID103 Fiducial LED_C4< LED_C5 LED_C5 O Fiducial LED_C6 LED_C7 LED_C6 Sheet: SW15 LED_C7 LED_C8 LED_C8< SW_IN< LED_C9 LED_C9 O H101 MountingHole1 LED_C10 LED_C11 LED C10cl VSUPD LED_C11 File: switch 1.sch MountingHole2 LED_C12 IFD C12C Sheet: SW16 LED_C13 LED_C13 O H103 MountingHole3 LED_C14 LED_C14C SW_IN< LED C15 LED_C15d SW_OUTE GWL a.s. O H104 MountingHole4 LED_C16 LED_C16 Sheet: / File: GWL_CPM.sch File: leds.sch File: switch_1.sch Title: ELERIX_CPM Size: A3 Date: 2021-03-23 KiCad E.D.A. kicad 5.1.9





















































