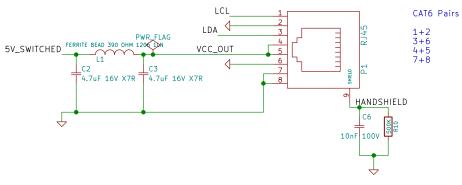
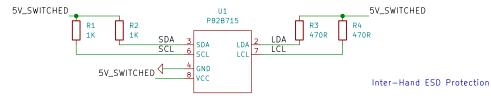


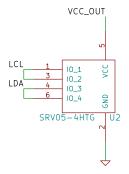
SDA D SDA
SCL D SCL
SV_SWITCHED D 5V_SWITCHED
RJ45_SHIELD D HANDSHIELD

Inter-hand connection



12C bus buffer



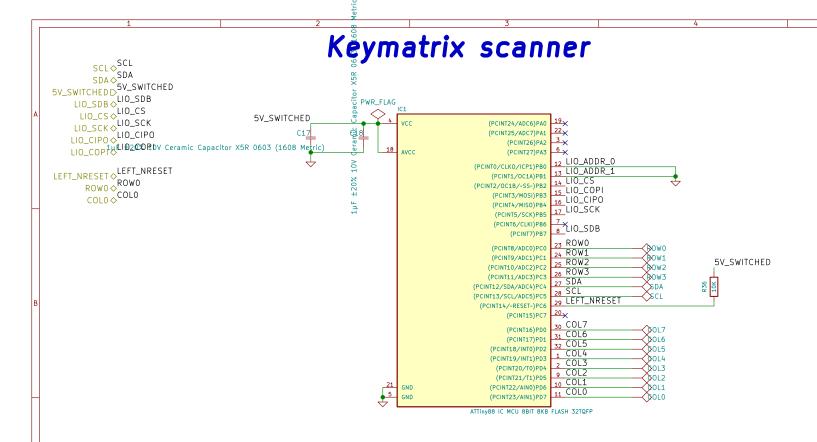


Keyboardio

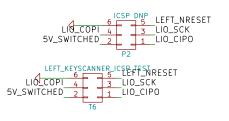
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Title: Model100 Left Hand

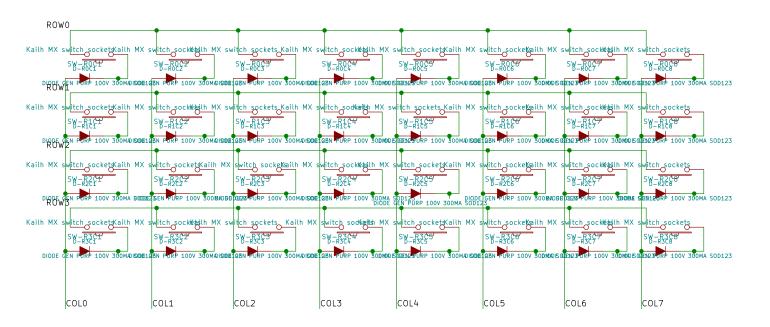
Size: A	Date: 2020-05-13	Rev:
KiCad E.D.A.	kicad (6.0.0-0)	ld: 2/7



Keymatrix Scanner Programming



Keyswitches



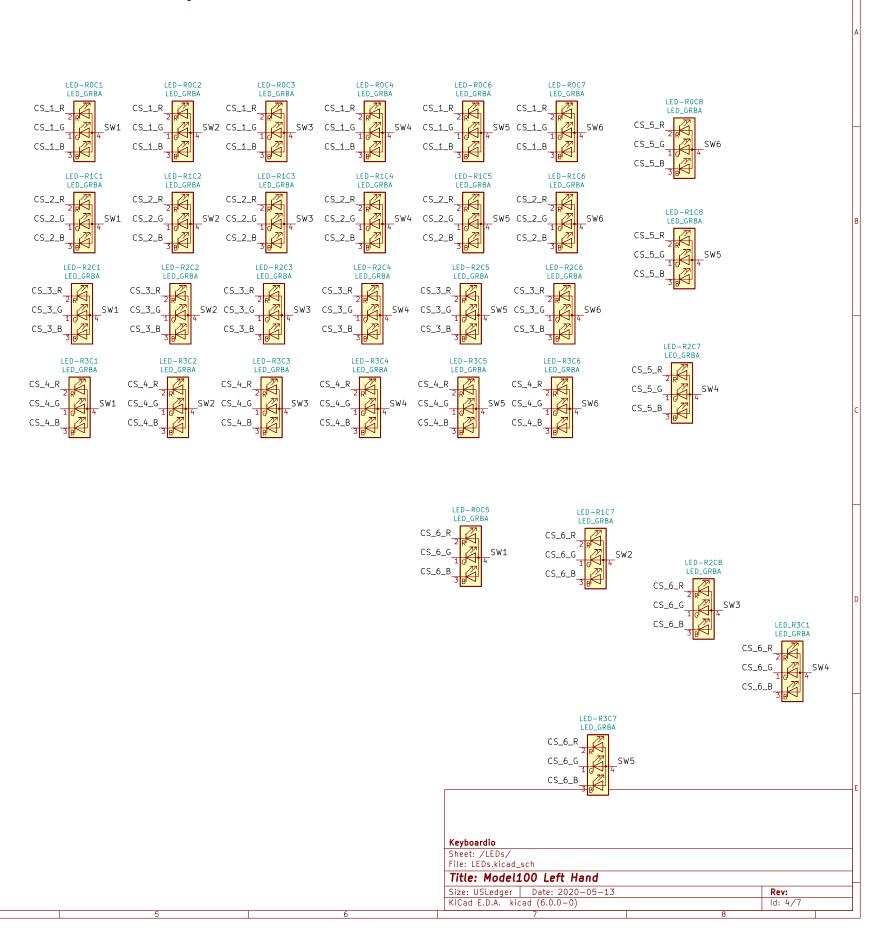
Keyboardio
Sheet: /Keyscanner/
File: Keyscanner.kicad_sch

Title: Model100 Left Hand

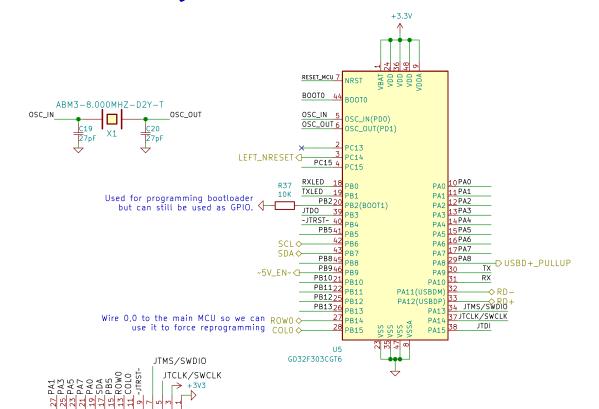
Size: USLedger Date: 2020-05-13 Rev:
KiCad E.D.A. kicad (6.0.0-0) Id: 3/7

5V_SWITCHED DUID_COPI LIO_COPI OLIO_COPI LIO_CIPO OLIO_CIPO LIO_SCK OLIO_SCK LIO_SDB OLIO_SDB LIO_CS OLIO_CS LED Controller U3 IS31FL3743B 5V_SWITCHED SW11 11 http://psz/a/dahashæettopbohactomoGi/10A110510Pa208NONSHS-GS-unity-ndleEtemenMedhæoriesicsatdahæetted3325/4/400660.pdf 5V_SWITCHED SW2 SW1 6 SW1 SW1 LIO_COPI₂₈ MOSI LIO_SCK₂₇ _{SCK} LIO_CS₂₅ LIO_CIPO24 MISO LIO_SDB <u>◆ 26</u> SDB https://datasheet.octopart.com/CL10F104Z08NN R13+nf34ng - Electro-Mechanics-datasheet-136482460.pdf R12 10K R_EXT 41 THERMAL_GND PGND 16 TYPICAL APPLICATION CIRCUI

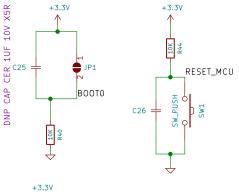
Keyswitch LEDs

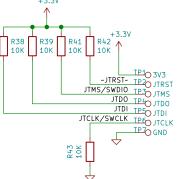


Primary Microcontroller

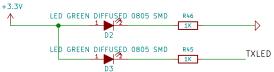


MCU Programming





Status LEDs



For a full pin description, please refer to pgs. 38 to 40 in the datasheet: https://www.gigadevice.com/datasheet/gd32f303xxxx-datasheet/

Here you will find each pin definition and peripheral relation. Note: Most alternate/primary pin functions have been reserved.

Conn_02x14_Top_Bottom DNP

Keyboardio Sheet: /MCU/ File: MCU.kicad sch Title: Model100 Left Hand Place close to 2xVCC, Size: USLetter Date: 2020-05-13

2x AVCC pins.

Rev: KiCad E.D.A. kicad (6.0.0-0)Id: 5/7

