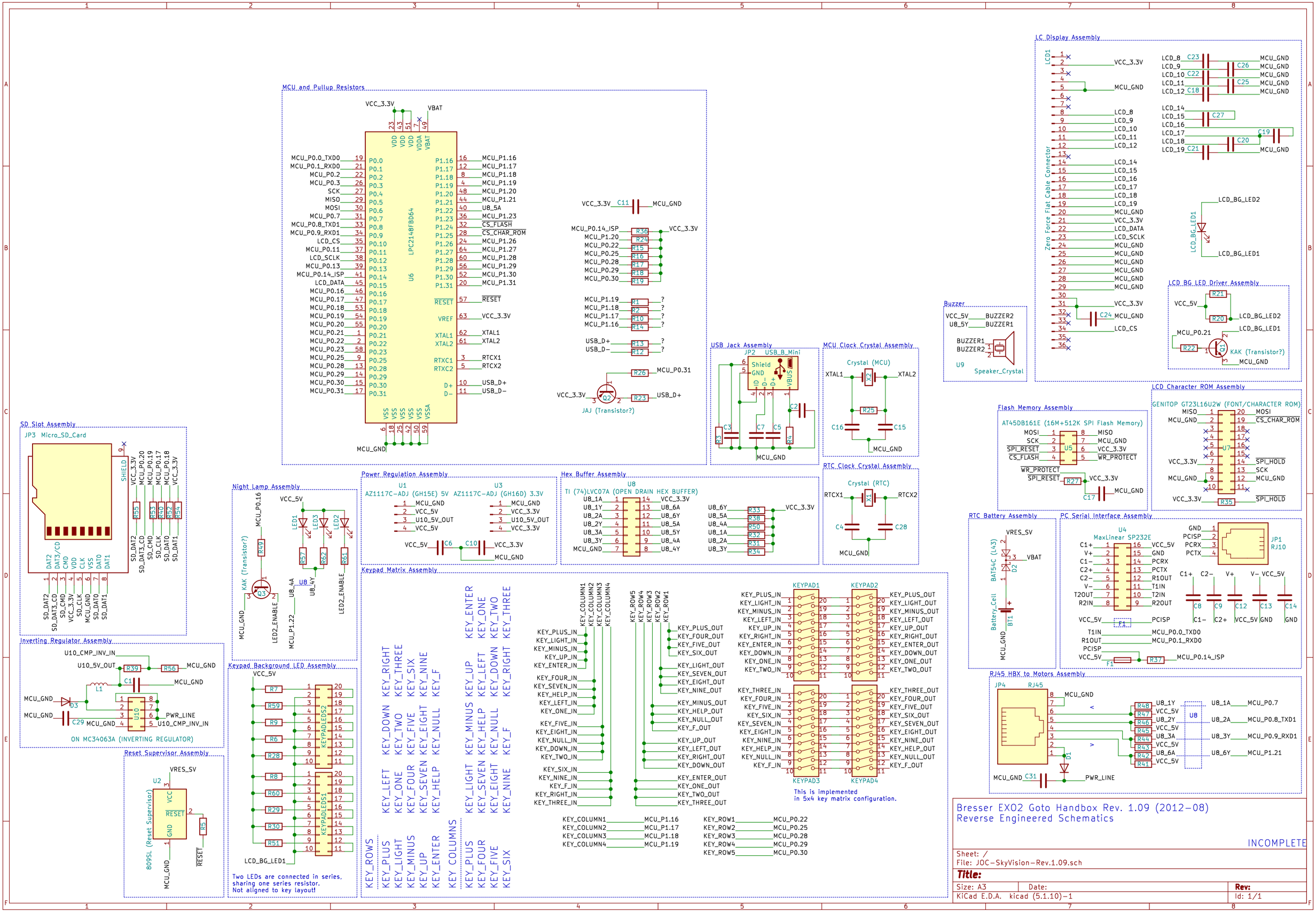
MCU and Pullup Resistors
U6 LPC2148FBD64
LC Display Assembly
LCD1
Zero Force Flat Cable Connector
LCD BG LED Driver Assembly
Buzzer
U9 Speaker_Crystal
USB Jack Assembly
JP2 USB_B_Mini
MCU Clock Crystal Assembly
Crystal (MCU)
RTC Clock Crystal Assembly
Crystal (RTC)
SD Slot Assembly
JP3 Micro_SD_Card
Flash Memory Assembly
AT45DB161E (16M+512K SPI Flash Memory)
LCD Character ROM Assembly
GENITOP GT23L16U2W (FONT/CHARACTER ROM)
Night Lamp Assembly
Power Regulation Assembly
U1 AZ1117C-ADJ (GH15E) 5V
U3 AZ1117C-ADJ (GH16D) 3.3V
Hex Buffer Assembly
U8 TI (74)LVC07A (OPEN DRAIN HEX BUFFER)
RTC Battery Assembly
PC Serial Interface Assembly
U4 MaxLinear SP232E
JP1 RJ10
Inverting Regulator Assembly
ON MC34063A (INVERTING REGULATOR)
Keypad Background LED Assembly
Two LEDs are connected in series, sharing one series resistor. Not aligned to key layout!
Reset Supervisor Assembly
U2 809SL (Reset Supervisor)
Keypad Matrix Assembly
KEYPAD1
KEYPAD2
KEYPAD3
KEYPAD4
This is implemented in 5x4 key matrix configuration.
RJ45 HBX to Motors Assembly
JP4 RJ45
Bresser EXO2 Goto Handbox Rev. 1.09 (2012-08)
Reverse Engineered Schematics
INCOMPLETE
Sheet: /
File: JOC-SkyVision-Rev.1.09.sch
Title:
Size: A3
Date:
Rev:
KiCad E.D.A. kicad (5.1.10)-1
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