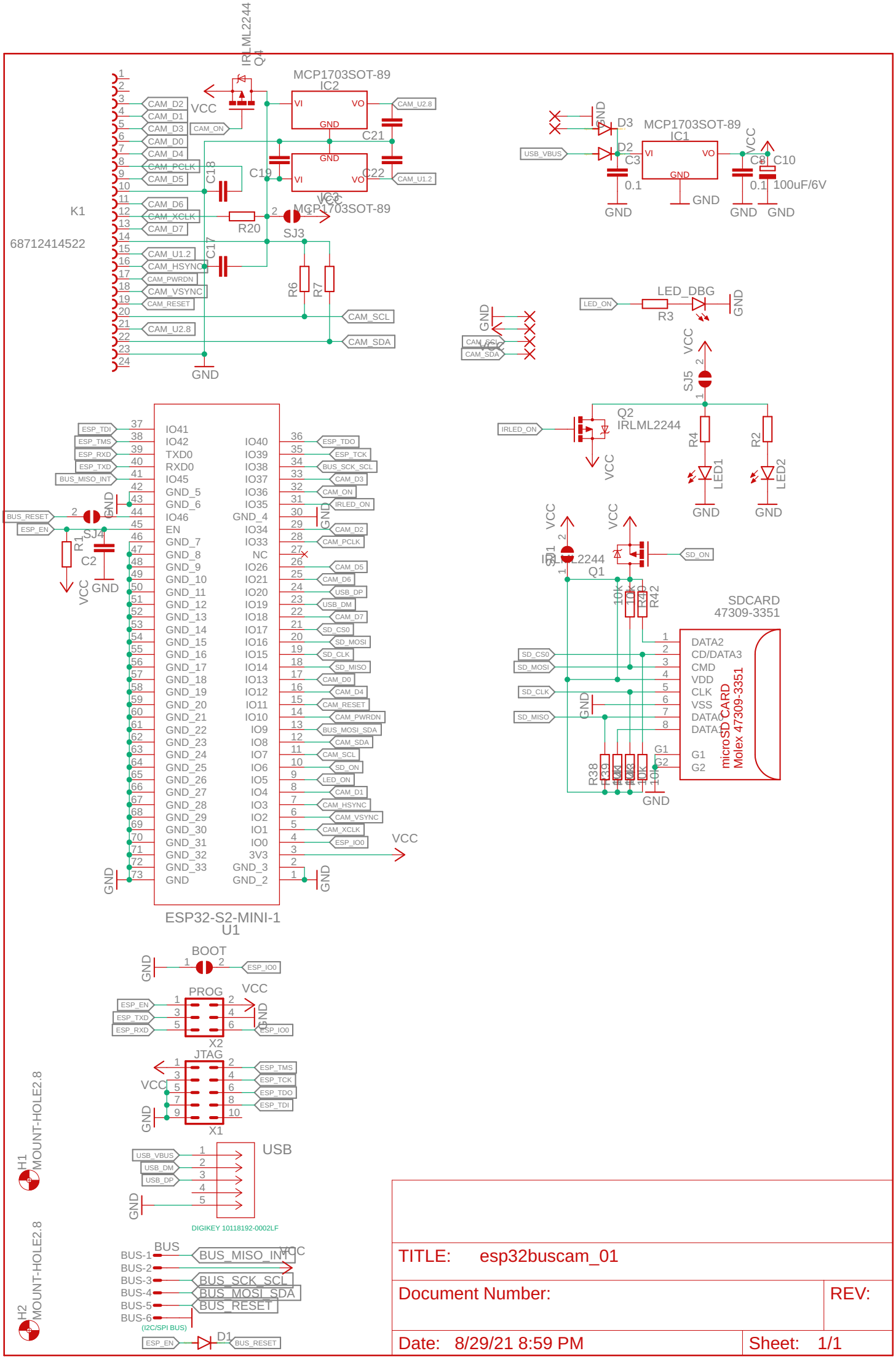
K1
68712414522
CAM_D2
CAM_D1
CAM_D3
CAM_D0
CAM_D4
CAM_PCLK
CAM_D5
CAM_D6
CAM_XCLK
CAM_D7
CAM_U1.2
CAM_HSYNC
CAM_PWRDN
CAM_VSYNC
CAM_RESET
CAM_U2.8
VCC
CAM_ON
IRLML2244
Q4
MCP1703SOT-89
IC2
VI
VO
GND
C21
C22
C18
C19
C17
R20
SJ3
R6
R7
CAM_SCL
CAM_SDA
MCP1703SOT-89
IC1
D3
D2
C3
0.1
C8
C10
100uF/6V
USB_VBUS
LED_DBG
LED_ON
R3
SJ5
Q2
IRLML2244
IRLED_ON
R4
R2
LED1
LED2
ESP32-S2-MINI-1
U1
ESP_TDI
ESP_TMS
ESP_RXD
ESP_TXD
BUS_MISO_INT
BUS_RESET
ESP_EN
SJ4
R1
C2
IO41
IO42
TXD0
RXD0
IO45
GND_5
GND_6
IO46
EN
GND_7
GND_8
GND_9
GND_10
GND_11
GND_12
GND_13
GND_14
GND_15
GND_16
GND_17
GND_18
GND_19
GND_20
GND_21
GND_22
GND_23
GND_24
GND_25
GND_26
GND_27
GND_28
GND_29
GND_30
GND_31
GND_32
GND_33
GND
IO40
IO39
IO38
IO37
IO36
IO35
GND_4
IO34
IO33
NC
IO26
IO21
IO20
IO19
IO18
IO17
IO16
IO15
IO14
IO13
IO12
IO11
IO10
IO9
IO8
IO7
IO6
IO5
IO4
IO3
IO2
IO1
IO0
3V3
GND_3
GND_2
ESP_TDO
ESP_TCK
BUS_SCK_SCL
CAM_D3
CAM_ON
IRLED_ON
CAM_D2
CAM_PCLK
CAM_D5
CAM_D6
USB_DP
USB_DM
CAM_D7
SD_CS0
SD_MOSI
SD_CLK
SD_MISO
CAM_D0
CAM_D4
CAM_RESET
CAM_PWRDN
BUS_MOSI_SDA
CAM_SDA
CAM_SCL
SD_ON
LED_ON
CAM_D1
CAM_HSYNC
CAM_VSYNC
CAM_XCLK
ESP_IO0
IRL2244
Q1
SD_ON
R38
R39
R40
R42
SDCARD
47309-3351
DATA2
CD/DATA3
CMD
VDD
CLK
VSS
DATA0
DATA1
G1
G2
microSD CARD
Molex 47309-3351
BOOT
PROG
X2
JTAG
X1
USB
DIGIKEY 10118192-0002LF
BUS
BUS-1
BUS-2
BUS-3
BUS-4
BUS-5
BUS-6
BUS_MISO_INT
BUS_SCK_SCL
BUS_MOSI_SDA
BUS_RESET
(I2C/SPI BUS)
D1
H1
MOUNT-HOLE2.8
H2
MOUNT-HOLE2.8
TITLE: esp32buscam_01
Document Number:
REV:
Date: 8/29/21 8:59 PM
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