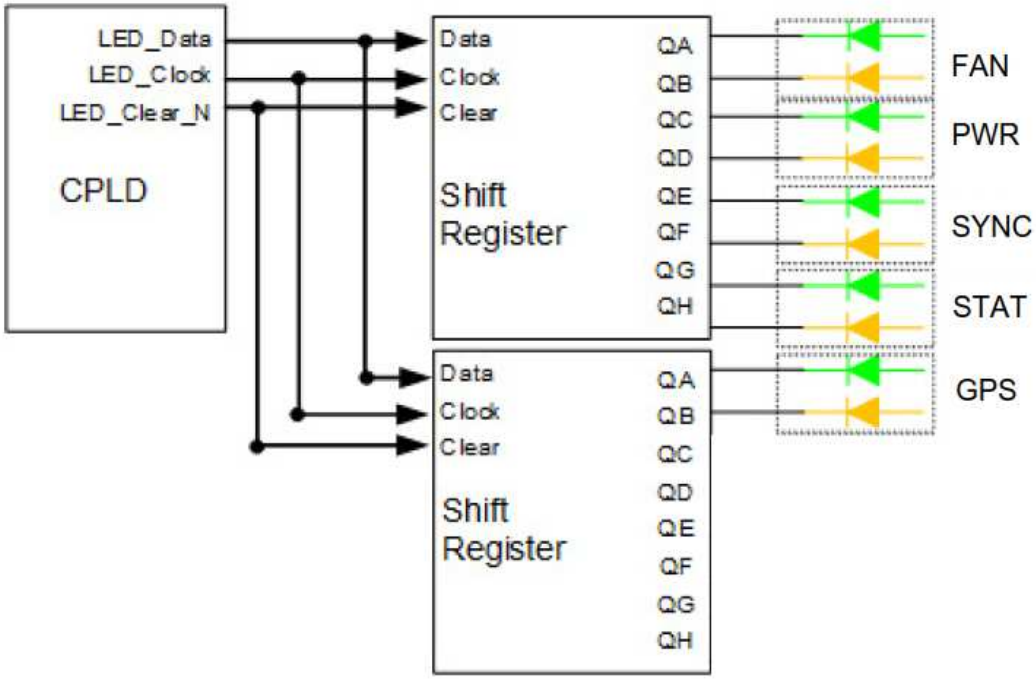
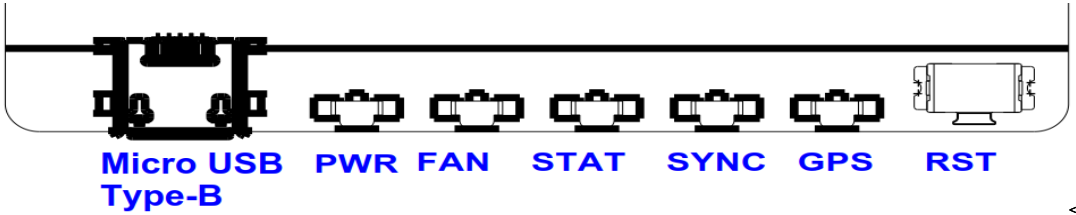
LED CARD



FRONT PANEL PLACEMENT

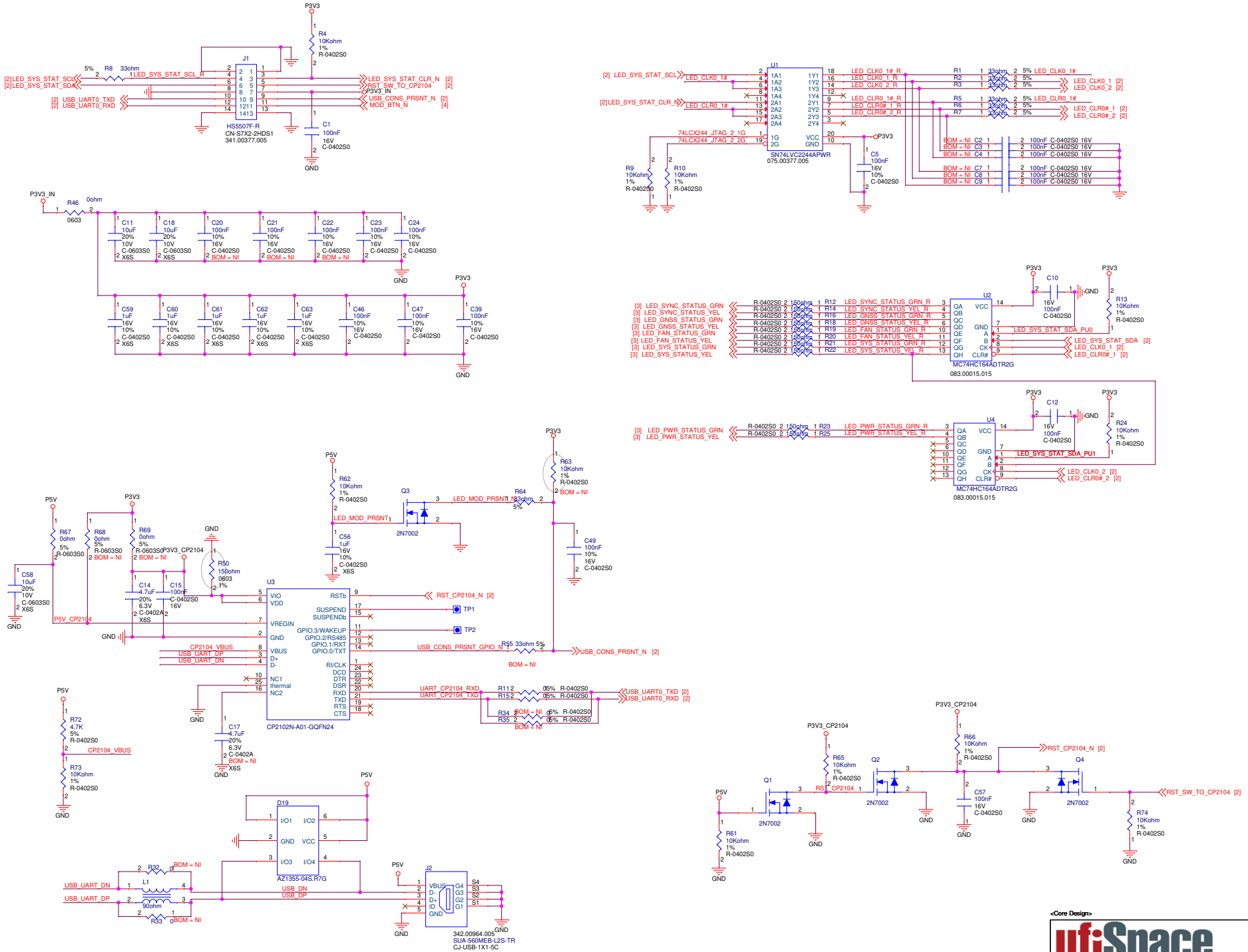


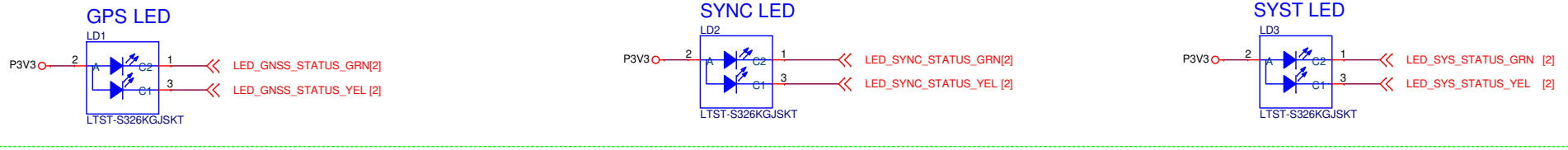
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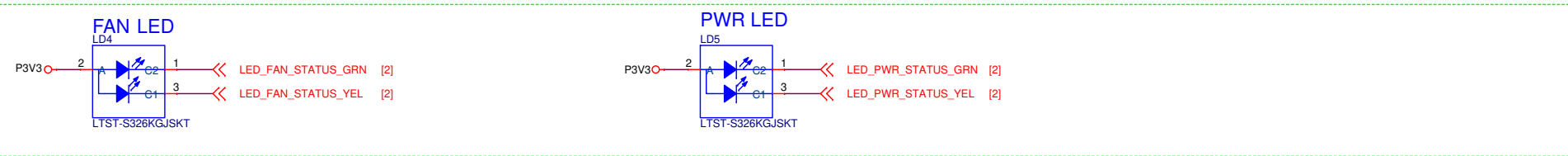
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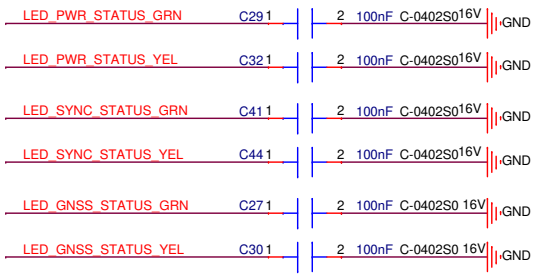
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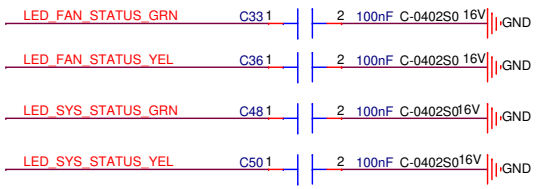

P3V3
R4
10Kohm
1%
R-0402S0
J1
HS5507F-R
CN-S7X2-2HDS1
341.00377.005
C1
100nF
16V
C-0402S0
GND
LED_SYS_STAT_SCL_R
LED_SYS_STAT_SDA_R
LED_SYS_STAT_CLR_N
RST_SW_TO_CP2104
P3V3_IN
USB_CONS_PRSNT_N
MOD_BTN_N
USB_UART0_TXD
USB_UART0_RXD
R8 33ohm
U1
SN74LVC2244APWR
075.00377.005
74LCX244_JTAG_2_1G
74LCX244_JTAG_2_2G
LED_CLK0_1#
LED_CLR0_1#
LED_CLK0_1_R
LED_CLK0_2_R
LED_CLR0_1_R
LED_CLR0#_1_R
LED_CLR0#_2_R
R9 10Kohm
R10 10Kohm
C5 100nF
R1 R2 R3 R5 R6 R7 33ohm
LED_CLK0_1 [2]
LED_CLK0_2 [2]
LED_CLR0#_1 [2]
LED_CLR0#_2 [2]
BOM = NI C2 C3 C4 C7 C8 C9
P3V3_IN
R46 0ohm
0603
C11 C18 C20 C21 C22 C23 C24
C59 C60 C61 C62 C63 C46 C47 C39
10uF 1uF 100nF
U2
MC74HC164ADTR2G
083.00015.015
LED_SYNC_STATUS_GRN
LED_SYNC_STATUS_YEL
LED_GNSS_STATUS_GRN
LED_GNSS_STATUS_YEL
LED_FAN_STATUS_GRN
LED_FAN_STATUS_YEL
LED_SYS_STATUS_GRN
LED_SYS_STATUS_YEL
LED_SYS_STAT_SDA_PU0
LED_SYS_STAT_SDA [2]
LED_CLK0_1 [2]
LED_CLR0#_1 [2]
C10 C12
R13 R24 10Kohm
U4
LED_SYS_STAT_SDA_PU1
LED_CLK0_2 [2]
LED_CLR0#_2 [2]
LED_PWR_STATUS_GRN
LED_PWR_STATUS_YEL
P5V
P3V3
P3V3_CP2104
R67 R68 R69 0ohm
R50 150ohm 0603
C58 10uF
C14 4.7uF
C15 100nF
P5V_CP2104
U3
CP2102N-A01-GQFN24
VIO
VDD
VREGIN
GND
VBUS
D+
D-
NC1
thermal
NC2
RSTb
SUSPEND
SUSPENDb
GPIO.3/WAKEUP
GPIO.2/RS485
GPIO.1/RXT
GPIO.0/TXT
RI/CLK
DCD
DTR
DSR
RXD
TXD
RTS
CTS
CP2104_VBUS
USB_UART_DP
USB_UART_DN
RST_CP2104_N [2]
TP1
TP2
USB_CONS_PRSNT_GPIO_N
USB_CONS_PRSNT_N [2]
UART_CP2104_RXD
UART_CP2104_TXD
USB_UART0_TXD [2]
USB_UART0_RXD [2]
R62 10Kohm
R63 10Kohm
R64 33ohm
R55 33ohm 5%
Q3
2N7002
LED_MOD_PRSNT
C56 1uF
C49 100nF
R72 4.7K
R73 10Kohm
C17 4.7uF
D19
AZ1355-04S.R7G
L1
90ohm
R32 R33 0ohm
USB_DN
USB_DP
J2
342.00964.005
SUA-560MEB-L2S-TR
CJ-USB-1X1-5C
Q1 Q2 Q4
R65 10Kohm
R66 10Kohm
R61 10Kohm
C57 100nF
R74 10Kohm
RST_SW_TO_CP2104 [2]
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Title
02. LED CONTROL & USB
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PCB P/N:
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Rev





These components for EMI





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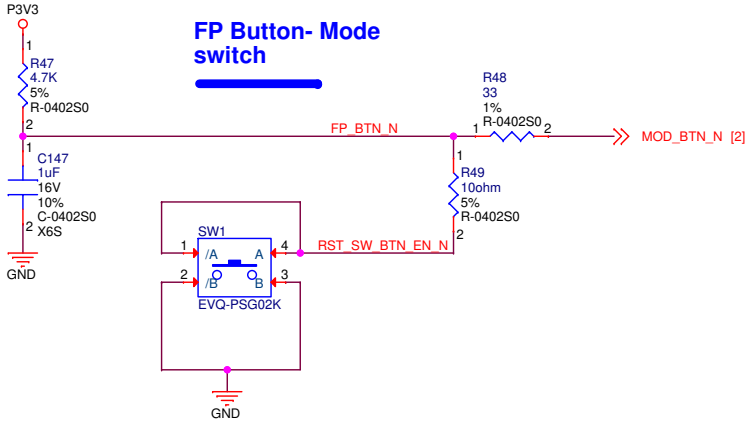
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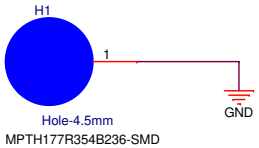
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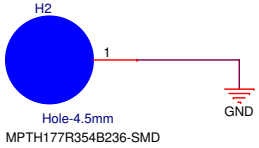


FP Button- Mode switch

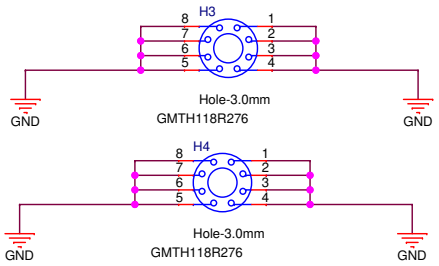
Stand off



Stand off



Screw Hole



Label
503.00860.005
LABEL BLANK

PCB
307.XXXXX.005
PCB PN

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Title
04. MODE BUTTON

Document Number:
PCB P/N: 95.2227T00

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REVISION HISTORY

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Title

05. REVISION HISTORY

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