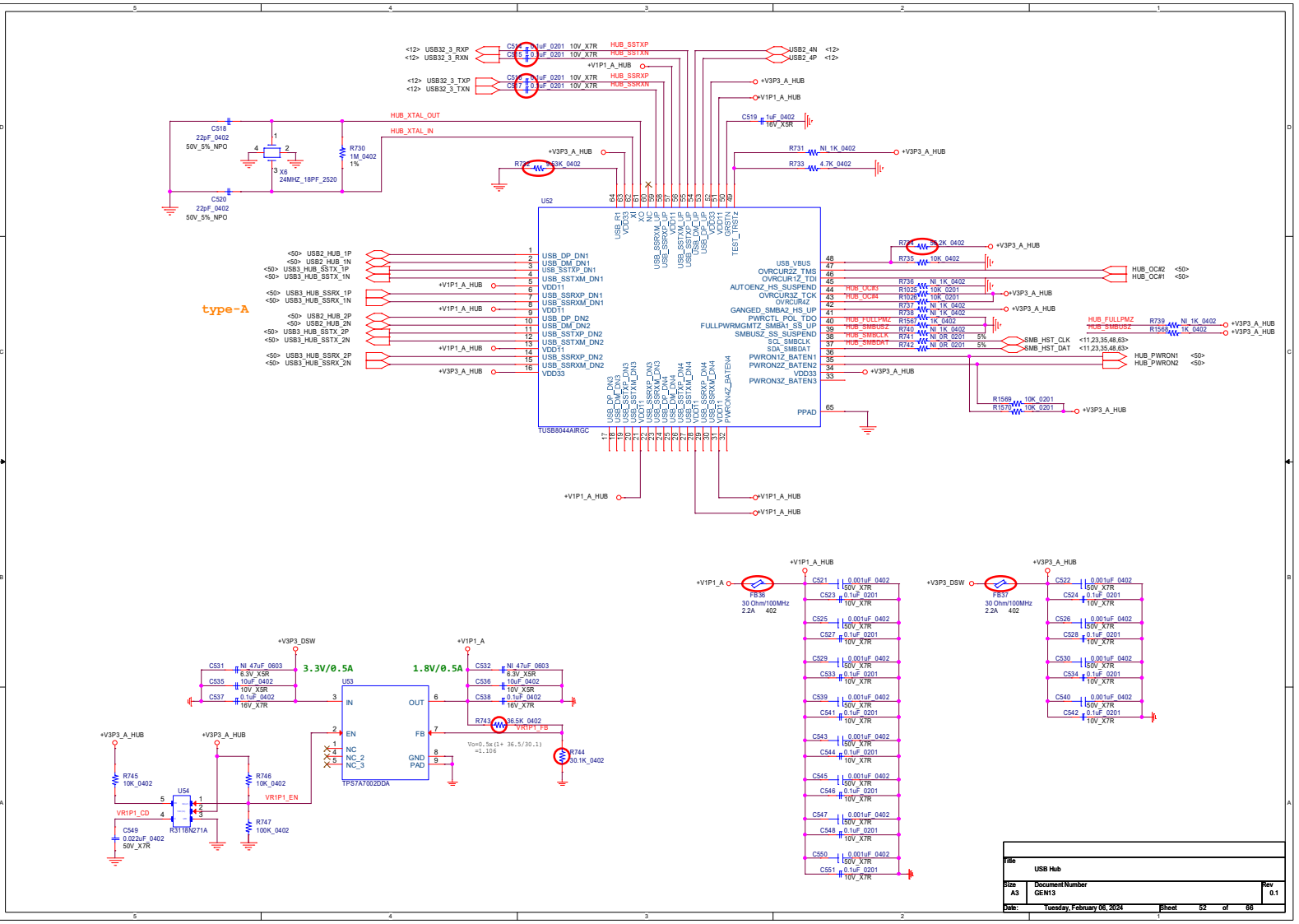
U52
TUSB8044AIRGC
type-A
HUB_XTAL_OUT
HUB_XTAL_IN
X6
24MHZ_18PF_2520
C518
22pF_0402
50V_5%_NPO
C520
22pF_0402
50V_5%_NPO
R730
1M_0402
1%
+V3P3_A_HUB
+V1P1_A_HUB
USB_DP_DN1
USB_DM_DN1
USB_SSTXP_DN1
USB_SSTXM_DN1
VDD11
USB_SSRXP_DN1
USB_SSRXM_DN1
VDD11
USB_DP_DN2
USB_DM_DN2
USB_SSTXP_DN2
USB_SSTXM_DN2
VDD11
USB_SSRXP_DN2
USB_SSRXM_DN2
VDD33
USB_VBUS
OVRCUR2Z_TMS
OVRCUR1Z_TDI
AUTOENZ_HS_SUSPEND
OVRCUR3Z_TCK
OVRCUR4Z
GANGED_SMBA2_HS_UP
PWRCTL_POL_TDO
FULLPWRMGMTZ_SMBA1_SS_UP
SMBUSZ_SS_SUSPEND
SCL_SMBCLK
SDA_SMBDAT
PWRON1Z_BATEN1
PWRON2Z_BATEN2
VDD33
PWRON3Z_BATEN3
PPAD
HUB_OC#2
HUB_OC#1
HUB_PWRON1
HUB_PWRON2
SMB_HST_CLK
SMB_HST_DAT
HUB_FULLPMZ
HUB_SMBUSZ
HUB_SMBCLK
HUB_SMBDAT
HUB_SSTXP
HUB_SSTXN
HUB_SSRXP
HUB_SSRXN
USB2_4N
USB2_4P
USB32_3_RXP
USB32_3_RXN
USB32_3_TXP
USB32_3_TXN
+V3P3_DSW
+V1P1_A
3.3V/0.5A
1.8V/0.5A
U53
TPS7A7002DDA
IN
EN
NC_2
NC_3
OUT
FB
GND
PAD
VR1P1_FB
VR1P1_EN
VR1P1_CD
U54
R3118N271A
R745
10K_0402
R746
10K_0402
R747
100K_0402
C549
0.022uF_0402
50V_X7R
R743
36.5K_0402
R744
30.1K_0402
Vo=0.5x(1+ 36.5/30.1)
=1.106
FB36
30 Ohm/100MHz
2.2A 402
FB37
30 Ohm/100MHz
2.2A 402
C521
C523
C525
C527
C529
C533
C539
C541
C543
C544
C545
C546
C547
C548
C550
C551
0.001uF_0402
50V_X7R
0.1uF_0201
10V_X7R
C522
C524
C526
C528
C530
C534
C540
C542
Title
USB Hub
Size
A3
Document Number
GEN13
Rev
0.1
Date:
Tuesday, February 06, 2024
Sheet
52
of
66