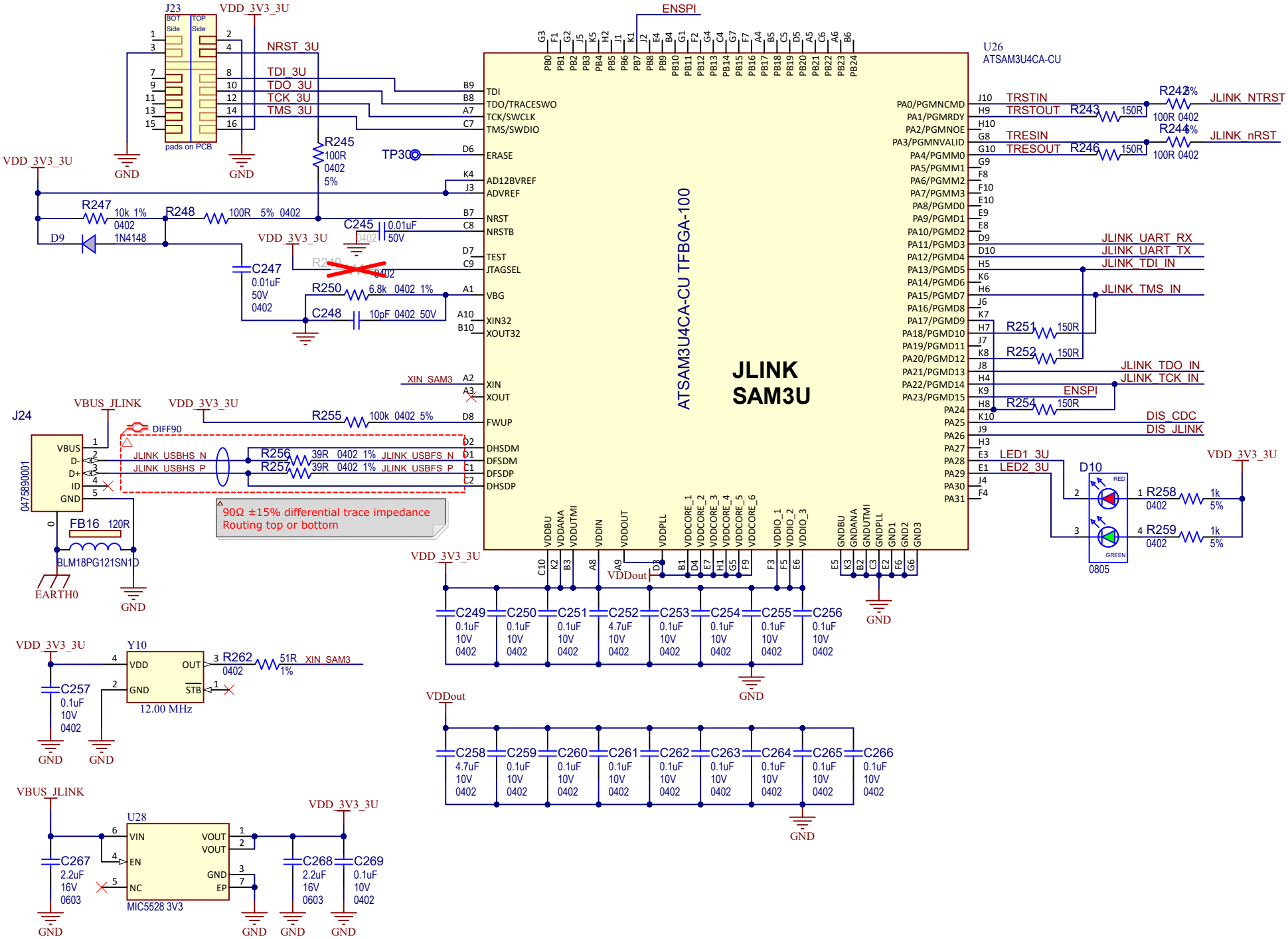
JLINK OB


J23
BOT Side
TOP Side
pads on PCB
VDD_3V3_3U
NRST_3U
TDI_3U
TDO_3U
TCK_3U
TMS_3U
GND
R245
100R
0402
5%
TP30
ERASE
R247
10k 1%
0402
R248
100R 5% 0402
D9
1N4148
C245
0.01uF
50V
0402
C247
0.01uF
50V
0402
R250
6.8k 0402 1%
C248
10pF 0402 50V
ENSPI
U26
ATSAM3U4CA-CU
ATSAM3U4CA-CU TFBGA-100
JLINK
SAM3U
TDI
TDO/TRACESWO
TCK/SWCLK
TMS/SWDIO
ADVREF
NRST
NRSTB
TEST
JTAGSEL
VBG
XIN32
XOUT32
XIN
XOUT
FWUP
DHSDM
DFSDM
DFSDP
DHSDP
XIN_SAM3
TRSTIN
TRSTOUT
TRESIN
TRESOUT
R243
R244
R246
150R
100R 0402
JLINK_NTRST
JLINK_nRST
JLINK_UART_RX
JLINK_UART_TX
JLINK_TDI_IN
JLINK_TMS_IN
JLINK_TDO_IN
JLINK_TCK_IN
R251
R252
R254
DIS_CDC
DIS_JLINK
LED1_3U
LED2_3U
D10
RED
GREEN
0805
R258
R259
1k
5%
J24
VBUS_JLINK
DIFF90
JLINK_USBHS_N
JLINK_USBHS_P
R255
100k 0402 5%
R256
R257
39R 0402 1%
JLINK_USBFS_N
JLINK_USBFS_P
0475890001
FB16
120R
BLM18PG121SN1D
EARTH0
90Ω ±15% differential trace impedance
Routing top or bottom
VDDout
C249
C250
C251
C252
C253
C254
C255
C256
0.1uF
4.7uF
10V
0402
Y10
12.00 MHz
R262
51R
1%
C257
C258
C259
C260
C261
C262
C263
C264
C265
C266
U28
MIC5528 3V3
VIN
VOUT
EN
GND
NC
EP
C267
C268
C269
2.2uF
16V
0603