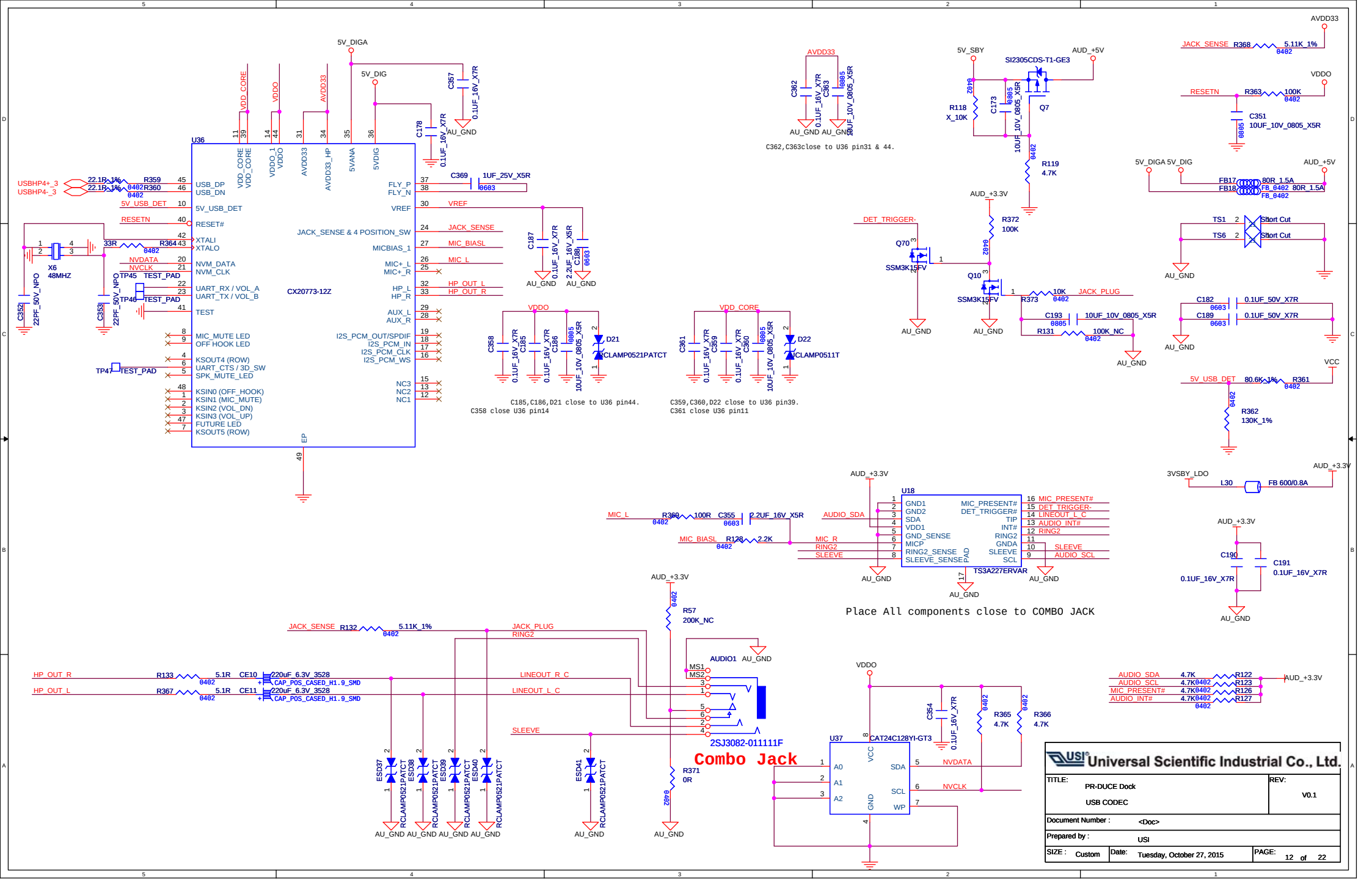
U36
CX20773-12Z
USB_DP
USB_DN
5V_USB_DET
RESET#
XTALI
XTALO
NVM_DATA
NVM_CLK
UART_RX / VOL_A
UART_TX / VOL_B
TEST
MIC_MUTE LED
OFF HOOK LED
KSOUT4 (ROW)
UART_CTS / 3D_SW
SPK_MUTE_LED
KSIN0 (OFF_HOOK)
KSIN1 (MIC_MUTE)
KSIN2 (VOL_DN)
KSIN3 (VOL_UP)
FUTURE LED
KSOUT5 (ROW)
JACK_SENSE & 4 POSITION_SW
MICBIAS_1
MIC+_L
MIC+_R
HP_L
HP_R
AUX_L
AUX_R
I2S_PCM_OUT/SPDIF
I2S_PCM_IN
I2S_PCM_CLK
I2S_PCM_WS
FLY_P
FLY_N
VREF
NC3
NC2
NC1
EP
5V_DIGA
5V_DIG
VDD_CORE
VDDO
AVDD33
AVDD33_HP
5VANA
5VDIG
AU_GND
USBHP4+_3
USBHP4-_3
R359 22.1R_1%
R360 22.1R_1%
R364 33R
X6 48MHZ
C352 22PF_50V_NPO
C353 22PF_50V_NPO
TP45 TEST_PAD
TP46 TEST_PAD
TP47 TEST_PAD
NVDATA
NVCLK
RESETN
C369 1UF_25V_X5R
C187 0.1UF_16V_X7R
C188 2.2UF_16V_X5R
C357 0.1UF_16V_X7R
C178 0.1UF_16V_X7R
JACK_SENSE
MIC_BIASL
MIC_L
HP_OUT_L
HP_OUT_R
C358 C185 C186 C359 C360 C361
D21 RCLAMP0521PATCT
D22 RCLAMP0511T
C185,C186,D21 close to U36 pin44.
C358 close U36 pin14
C359,C360,D22 close to U36 pin39.
C361 close U36 pin11
C362 C363 close to U36 pin31 & 44.
SI2305CDS-T1-GE3
Q7
R118 X_10K
C173 10UF_10V_0805_X5R
R119 4.7K
R372 100K
Q70 SSM3K15FV
Q10 SSM3K15FV
R373 10K
JACK_PLUG
C193 10UF_10V_0805_X5R
R131 100K_NC
DET_TRIGGER-
AUD_+5V
AUD_+3.3V
JACK_SENSE R368 5.11K_1%
RESETN R363 100K
C351 10UF_10V_0805_X5R
FB17 FB18 80R_1.5A FB_0402
TS1 TS6 Short Cut
C182 C189 0.1UF_50V_X7R
5V_USB_DET 80.6K_1% R361
R362 130K_1%
VCC
3VSBY_LDO
L30 FB 600/0.8A
C190 C191 0.1UF_16V_X7R
MIC_L R369 100R C355 2.2UF_16V_X5R
MIC_BIASL R128 2.2K
AUDIO_SDA
U18 TS3A227ERVAR
GND1 GND2 SDA VDD1 GND_SENSE MICP RING2_SENSE SLEEVE_SENSE
MIC_PRESENT# DET_TRIGGER# TIP INT# RING2 GNDA SLEEVE SCL
MIC_PRESENT# DET_TRIGGER- LINEOUT_L_C AUDIO_INT# RING2 SLEEVE AUDIO_SCL
MIC_R RING2 SLEEVE
Place All components close to COMBO JACK
R57 200K_NC
JACK_SENSE R132 5.11K_1%
JACK_PLUG RING2
AUDIO1
MS1 MS2
HP_OUT_R R133 5.1R CE10 220uF_6.3V_3528 CAP_POS_CASED_H1.9_SMD
HP_OUT_L R367 5.1R CE11 220uF_6.3V_3528 CAP_POS_CASED_H1.9_SMD
LINEOUT_R_C
LINEOUT_L_C
SLEEVE
2SJ3082-011111F
Combo Jack
ESD37 ESD38 ESD39 ESD40 ESD41 RCLAMP0521PATCT
R371 0R
U37 CAT24C128YI-GT3
A0 A1 A2 GND VCC SDA SCL WP
NVDATA
NVCLK
C354 0.1UF_16V_X7R
R365 4.7K
R366 4.7K
AUDIO_SDA 4.7K R122
AUDIO_SCL 4.7K R123
MIC_PRESENT# 4.7K R126
AUDIO_INT# 4.7K R127
Universal Scientific Industrial Co., Ltd.
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