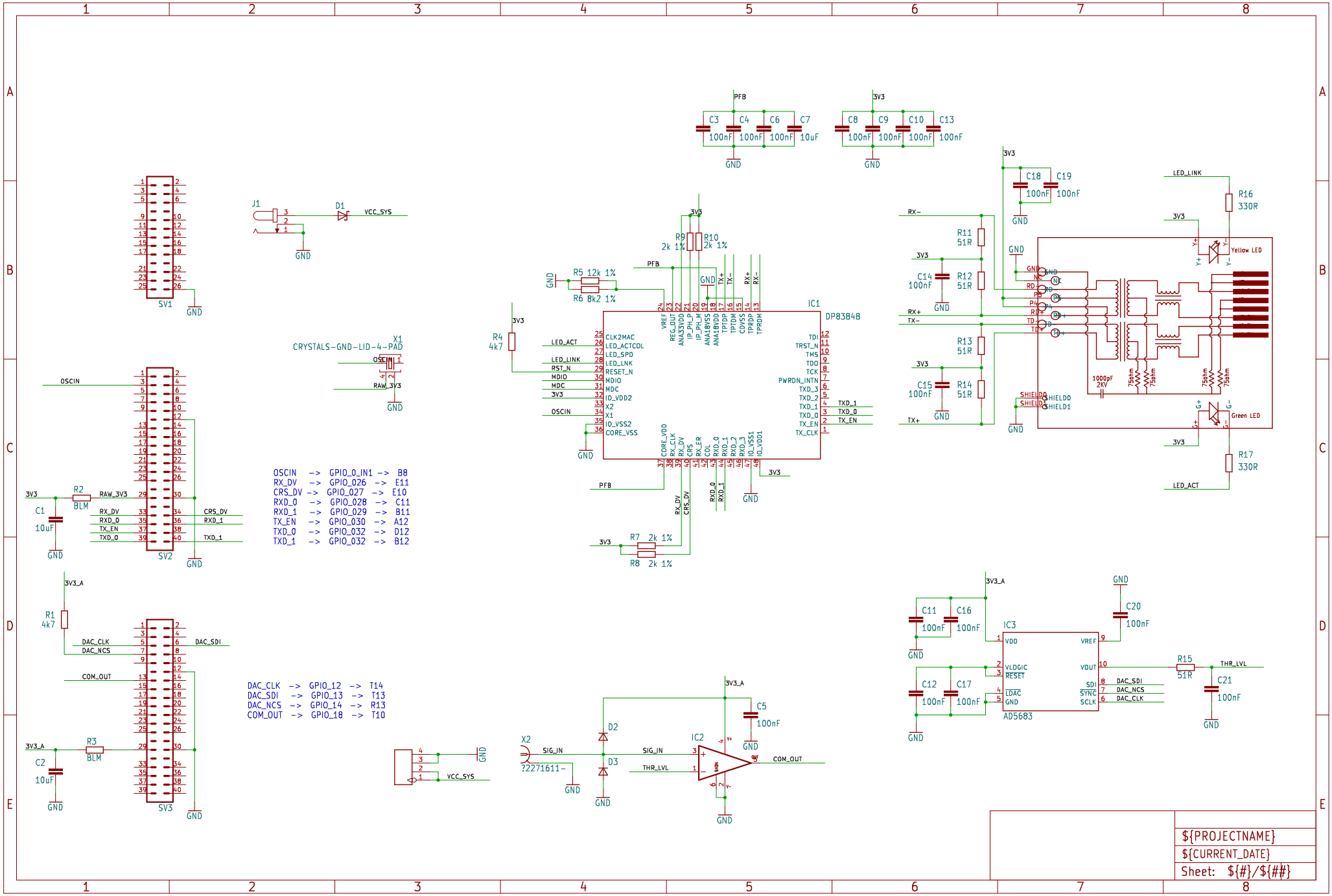
SV1
J1
D1
VCC_SYS
GND
X1
CRYSTALS-GND-LID-4-PAD
OSCIN
RAW_3V3
SV2
R2
BLM
C1
10uF
3V3
RX_DV
RXD_0
TX_EN
TXD_0
CRS_DV
RXD_1
TXD_1
OSCIN -> GPIO_0_IN1 -> B8
RX_DV -> GPIO_026 -> E11
CRS_DV -> GPIO_027 -> E10
RXD_0 -> GPIO_028 -> C11
RXD_1 -> GPIO_029 -> B11
TX_EN -> GPIO_030 -> A12
TXD_0 -> GPIO_032 -> D12
TXD_1 -> GPIO_032 -> B12
3V3_A
R1
4k7
DAC_CLK
DAC_NCS
DAC_SDI
COM_OUT
R3
BLM
C2
10uF
SV3
DAC_CLK -> GPIO_12 -> T14
DAC_SDI -> GPIO_13 -> T13
DAC_NCS -> GPIO_14 -> R13
COM_OUT -> GPIO_18 -> T10
PFB
C3
100nF
C4
100nF
C6
100nF
C7
10uF
C8
100nF
C9
100nF
C10
100nF
C13
100nF
R9
2k 1%
R10
2k 1%
R5 12k 1%
R6 8k2 1%
R4
4k7
IC1
DP83848
LED_ACT
LED_LINK
RST_N
MDIO
MDC
OSCIN
CLK2MAC
LED_ACTCOL
LED_SPD
LED_LNK
RESET_N
MDIO
MDC
IO_VDD2
X2
X1
IO_VSS2
CORE_VSS
CORE_VDD
RX_CLK
RX_DV
CRS
RX_ER
COL
RXD_0
RXD_1
RXD_2
RXD_3
IO_VSS1
IO_VDD1
TDI
TRST_N
TMS
TDO
TCK
PWRDN_INTN
TXD_3
TXD_2
TXD_1
TXD_0
TX_EN
TX_CLK
TXD_1
TXD_0
TX_EN
R7 2k 1%
R8 2k 1%
C18
100nF
C19
100nF
R11
51R
R12
51R
R13
51R
R14
51R
C14
100nF
C15
100nF
RX-
RX+
TX-
TX+
LED_LINK
R16
330R
Yellow LED
Green LED
R17
330R
LED_ACT
SHIELD0
SHIELD1
1000pF
2KV
75ohm
X2
?2271611-
SIG_IN
THR_LVL
D2
D3
IC2
COM_OUT
C5
100nF
C11
100nF
C16
100nF
C12
100nF
C17
100nF
C20
100nF
IC3
AD5683
VDD
VLOGIC
RESET
LDAC
GND
VREF
VOUT
SDI
SYNC
SCLK
DAC_SDI
DAC_NCS
DAC_CLK
R15
51R
THR_LVL
C21
100nF
${PROJECTNAME}
${CURRENT_DATE}
Sheet: ${#}/${##}