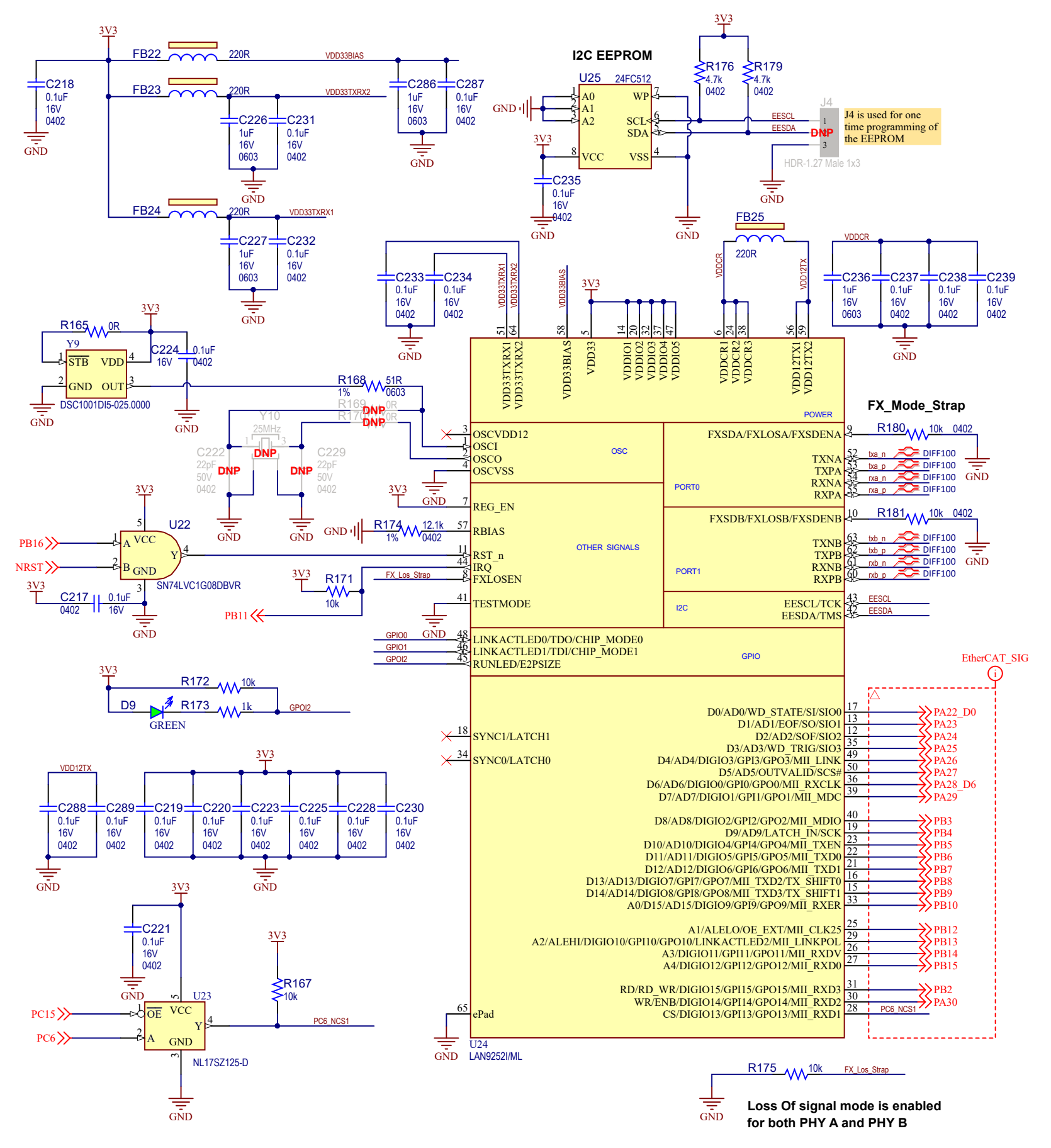
I2C EEPROM
U25
24FC512
A0
A1
A2
WP
SCL
SDA
VCC
VSS
R176
4.7k
0402
R179
4.7k
0402
J4
EESCL
EESDA
DNP
J4 is used for one time programming of the EEPROM
HDR-1.27 Male 1x3
C235
0.1uF
16V
0402
FB22
FB23
FB24
FB25
220R
VDD33BIAS
VDD33TXRX2
VDD33TXRX1
VDDCR
VDD12TX
C218
C226
C231
C227
C232
C286
C287
C233
C234
C236
C237
C238
C239
R165
0R
Y9
DSC1001DI5-025.0000
C224
R168
51R
R169
R170
Y10
25MHz
C222
C229
22pF
50V
R174
12.1k
U22
SN74LVC1G08DBVR
C217
R171
10k
PB16
NRST
PB11
FX_Los_Strap
R172
R173
1k
D9
GREEN
GPIO0
GPIO1
GPIO2
C288
C289
C219
C220
C223
C225
C228
C230
C221
R167
U23
NL17SZ125-D
PC15
PC6
PC6_NCS1
U24
LAN9252I/ML
POWER
OSC
PORT0
PORT1
I2C
GPIO
OTHER SIGNALS
OSCVDD12
OSCI
OSCO
OSCVSS
REG_EN
RBIAS
RST_n
IRQ
FXLOSEN
TESTMODE
FXSDA/FXLOSA/FXSDENA
TXNA
TXPA
RXNA
RXPA
FXSDB/FXLOSB/FXSDENB
TXNB
TXPB
RXNB
RXPB
EESCL/TCK
EESDA/TMS
LINKACTLED0/TDO/CHIP_MODE0
LINKACTLED1/TDI/CHIP_MODE1
RUNLED/E2PSIZE
SYNC1/LATCH1
SYNC0/LATCH0
ePad
D0/AD0/WD_STATE/SI/SIO0
D1/AD1/EOF/SO/SIO1
D2/AD2/SOF/SIO2
D3/AD3/WD_TRIG/SIO3
D4/AD4/DIGIO3/GPI3/GPO3/MII_LINK
D5/AD5/OUTVALID/SCS#
D6/AD6/DIGIO0/GPI0/GPO0/MII_RXCLK
D7/AD7/DIGIO1/GPI1/GPO1/MII_MDC
D8/AD8/DIGIO2/GPI2/GPO2/MII_MDIO
D9/AD9/LATCH_IN/SCK
D10/AD10/DIGIO4/GPI4/GPO4/MII_TXEN
D11/AD11/DIGIO5/GPI5/GPO5/MII_TXD0
D12/AD12/DIGIO6/GPI6/GPO6/MII_TXD1
D13/AD13/DIGIO7/GPI7/GPO7/MII_TXD2/TX_SHIFT0
D14/AD14/DIGIO8/GPI8/GPO8/MII_TXD3/TX_SHIFT1
A0/D15/AD15/DIGIO9/GPI9/GPO9/MII_RXER
A1/ALELO/OE_EXT/MII_CLK25
A2/ALEHI/DIGIO10/GPI10/GPO10/LINKACTLED2/MII_LINKPOL
A3/DIGIO11/GPI11/GPO11/MII_RXDV
A4/DIGIO12/GPI12/GPO12/MII_RXD0
RD/RD_WR/DIGIO15/GPI15/GPO15/MII_RXD3
WR/ENB/DIGIO14/GPI14/GPO14/MII_RXD2
CS/DIGIO13/GPI13/GPO13/MII_RXD1
FX_Mode_Strap
R180
R181
10k
0402
DIFF100
EtherCAT_SIG
PA22_D0
PA23
PA24
PA25
PA26
PA27
PA28_D6
PA29
PB3
PB4
PB5
PB6
PB7
PB8
PB9
PB10
PB12
PB13
PB14
PB15
PB2
PA30
R175
Loss Of signal mode is enabled for both PHY A and PHY B