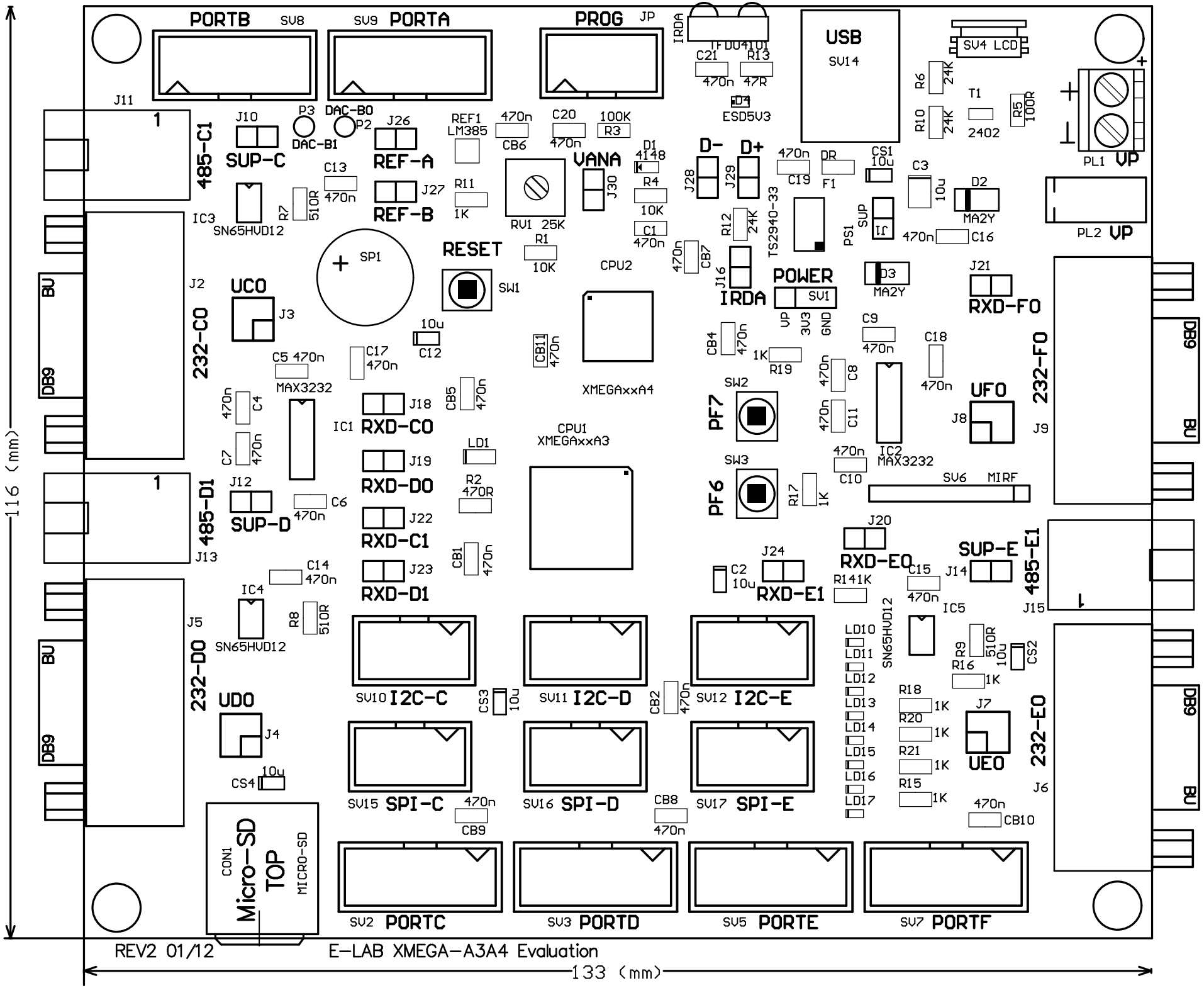
PORTB
SV8
SV9
PORTA
PROG
JP
IRDA
IFD0410I
USB
SV14
SV4 LCD
J11
485-C1
J10
SUP-C
P3
DAC-B0
P2
DAC-B1
J26
REF-A
J27
REF-B
REF1
LM385
CB6
C20
100K
R3
VANA
J30
D1
4148
R4
10K
C1
470n
RV1 25K
R11
1K
C13
470n
R7
510R
IC3
SN65HVD12
RESET
SW1
R1
10K
SP1
CPU2
D-
D+
J28
J29
C19
DR
F1
CS1
10u
C3
10u
D2
MA2Y
C16
TS2940-33
PS1
SUP
J1
R12
24K
CB7
J16
IRDA
POWER
SV1
VP
3V3
GND
D3
MA2Y
J21
RXD-F0
PL1 VP
PL2 VP
R6
24K
R10
24K
T1
2402
R5
100R
J2
232-C0
UC0
J3
C12
10u
C17
470n
C5 470n
MAX3232
CB11
470n
XMEGAxxA4
CB4
470n
1K
R19
C9
470n
C18
470n
C8
470n
C11
470n
IC2
MAX3232
SW2
PF7
SW3
PF6
R17
1K
C10
470n
SV6 MIRF
UF0
J8
232-F0
J9
DB9
BU
J18
RXD-C0
J19
RXD-D0
J22
RXD-C1
J23
RXD-D1
CB5
470n
LD1
R2
470R
CB1
470n
CPU1
XMEGAxxA3
IC1
C4
470n
C7
470n
J12
SUP-D
C6
470n
J13
485-D1
J20
RXD-E0
J24
RXD-E1
C2
10u
R14 1K
C15
470n
SUP-E
J14
485-E1
J15
IC5
SN65HVD12
R9
510R
10u
CS2
R16
1K
R18
1K
R20
1K
R21
1K
R15
1K
LD10
LD11
LD12
LD13
LD14
LD15
LD16
LD17
J7
UE0
232-E0
J6
C14
470n
IC4
R8
510R
SN65HVD12
J5
232-D0
UD0
J4
CS4
10u
SV10 I2C-C
CS3
10u
SV11 I2C-D
CB2
470n
SV12 I2C-E
SV15 SPI-C
470n
CB9
SV16 SPI-D
CB8
470n
SV17 SPI-E
470n
CB10
CON1
Micro-SD
TOP
MICRO-SD
SV2 PORTC
SV3 PORTD
SV5 PORTE
SV7 PORTF
116 (mm)
133 (mm)
REV2 01/12
E-LAB XMEGA-A3A4 Evaluation