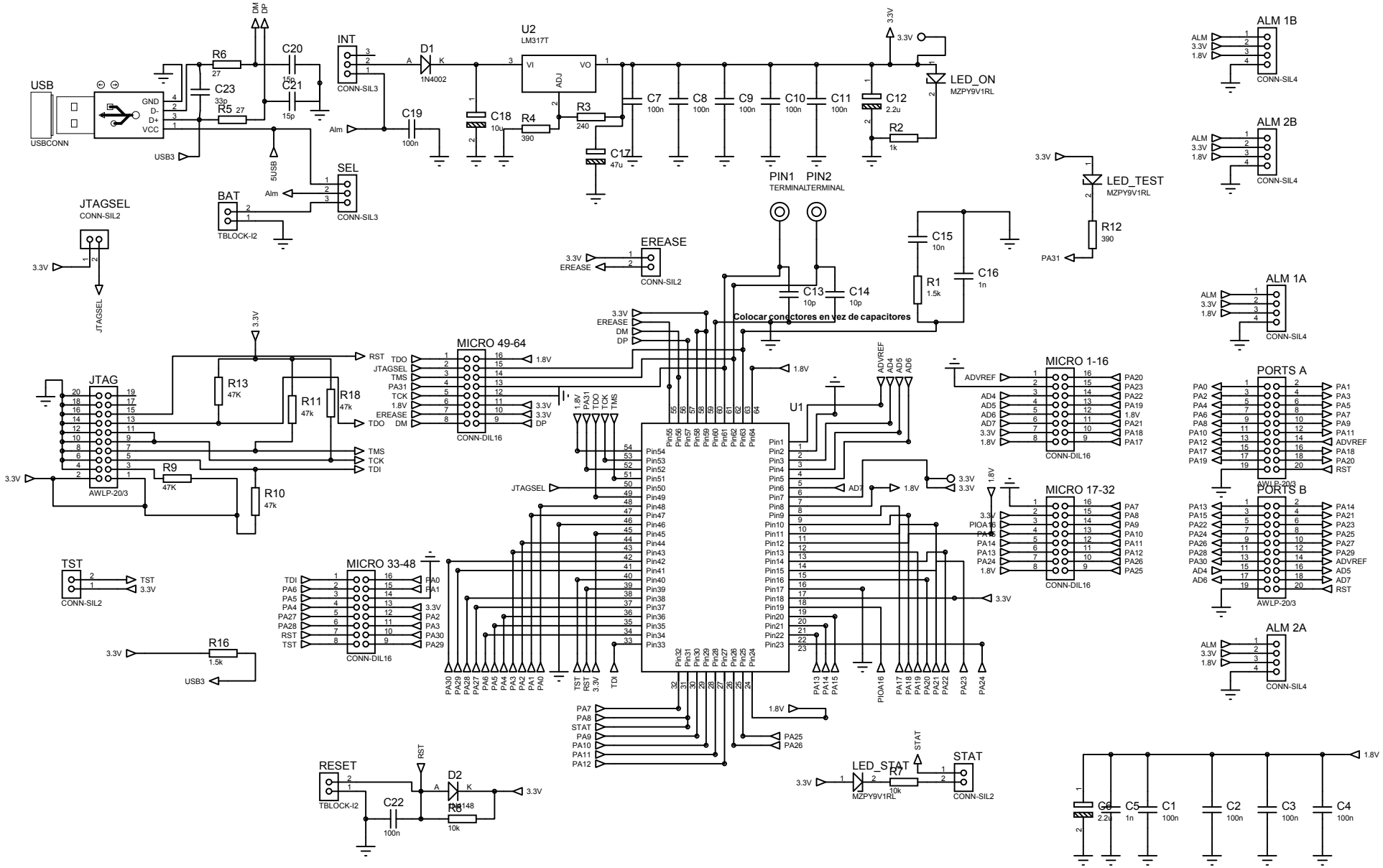
USB
USBCONN
GND
D-
D+
VCC
R6
27
C20
15p
C21
15p
C23
33p
R5
27
DM
DP
USB3
5USB
INT
CONN-SIL3
D1
1N4002
U2
LM317T
VI
VO
ADJ
C18
10u
R4
390
R3
240
C17
47u
C19
100n
Alm
C7
100n
C8
100n
C9
100n
C10
100n
C11
100n
C12
2.2u
R2
1k
3.3V
LED_ON
MZPY9V1RL
SEL
CONN-SIL3
BAT
TBLOCK-I2
PIN1
PIN2
TERMINALTERMINAL
LED_TEST
MZPY9V1RL
R12
390
PA31
JTAGSEL
CONN-SIL2
EREASE
CONN-SIL2
C15
10n
C16
1n
R1
1.5k
C13
10p
C14
10p
Colocar conectores en vez de capacitores
ALM 1B
ALM 2B
ALM 1A
CONN-SIL4
JTAG
AWLP-20/3
R13
47K
R11
47k
R18
47k
R9
47K
R10
47k
TMS
TCK
TDI
MICRO 49-64
CONN-DIL16
U1
MICRO 1-16
MICRO 17-32
PORTS A
PORTS B
AWLP-20/3
TST
CONN-SIL2
MICRO 33-48
R16
1.5k
RESET
TBLOCK-I2
C22
100n
D2
1N4148
R8
10k
LED_STAT
MZPY9V1RL
R7
10k
STAT
CONN-SIL2
C6
2.2u
C5
1n
C1
100n
C2
100n
C3
100n
C4
100n