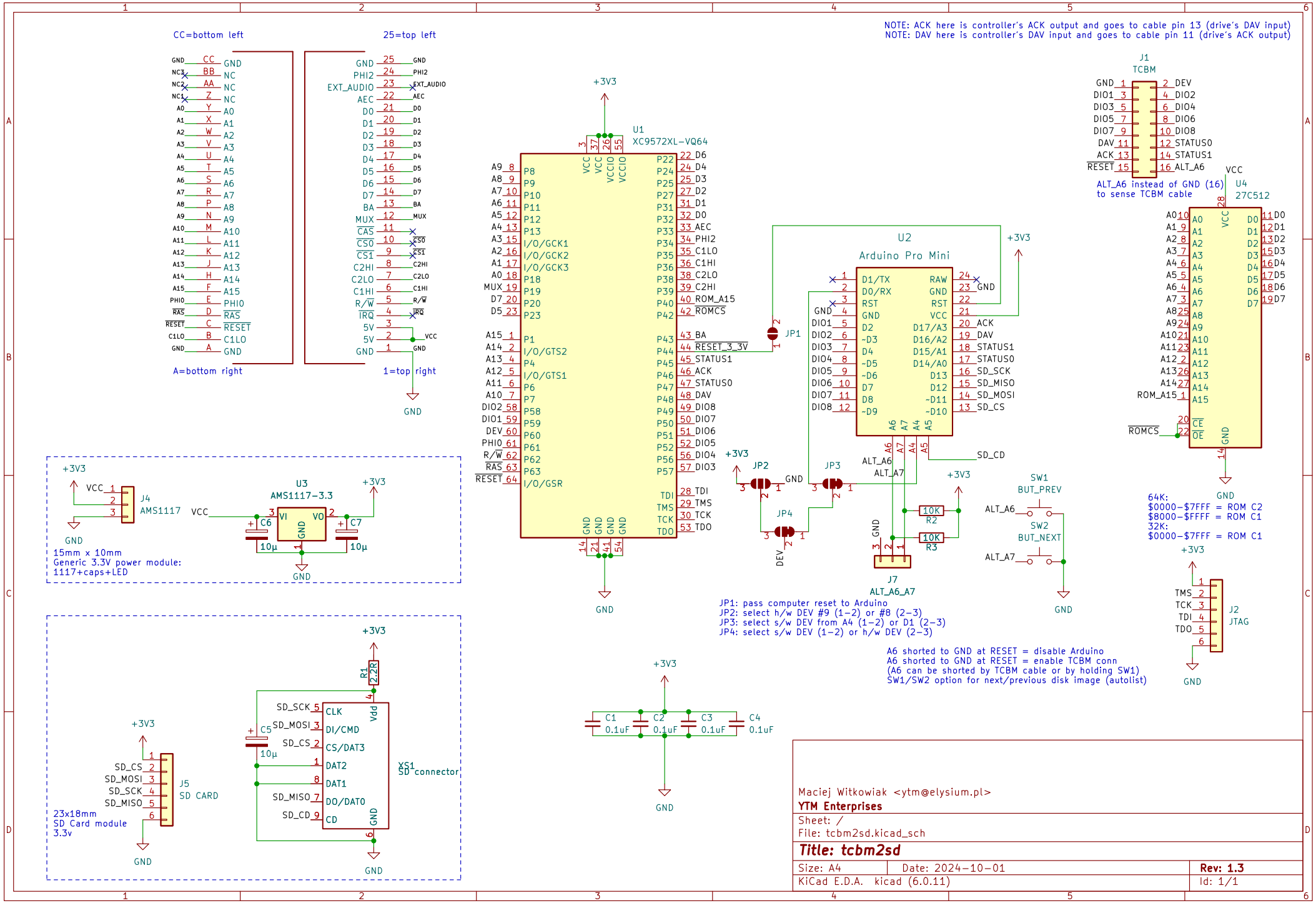
NOTE: ACK here is controller's ACK output and goes to cable pin 13 (drive's DAV input)
NOTE: DAV here is controller's DAV input and goes to cable pin 11 (drive's ACK output)
CC=bottom left
25=top left
A=bottom right
1=top right
U1
XC9572XL-VQ64
U2
Arduino Pro Mini
J1
TCBM
ALT_A6 instead of GND (16) to sense TCBM cable
U4
27C512
64K:
$0000-$7FFF = ROM C2
$8000-$FFFF = ROM C1
32K:
$0000-$7FFF = ROM C1
J2
JTAG
J4
AMS1117
U3
AMS1117-3.3
15mm x 10mm
Generic 3.3V power module:
1117+caps+LED
J5
SD CARD
23x18mm
SD Card module
3.3v
XS1
SD connector
JP1: pass computer reset to Arduino
JP2: select h/w DEV #9 (1-2) or #8 (2-3)
JP3: select s/w DEV from A4 (1-2) or D1 (2-3)
JP4: select s/w DEV (1-2) or h/w DEV (2-3)
A6 shorted to GND at RESET = disable Arduino
A6 shorted to GND at RESET = enable TCBM conn
(A6 can be shorted by TCBM cable or by holding SW1)
SW1/SW2 option for next/previous disk image (autolist)
J7
ALT_A6_A7
SW1
BUT_PREV
SW2
BUT_NEXT
Maciej Witkowiak <ytm@elysium.pl>
YTM Enterprises
Sheet: /
File: tcbm2sd.kicad_sch
Title: tcbm2sd
Size: A4
Date: 2024-10-01
Rev: 1.3
KiCad E.D.A. kicad (6.0.11)
Id: 1/1