













**USER PORT** The VIDEO\_OR\_5V jumper allows partial compatibility with VIC-20 and C64 user port peripherals by delivering +5V on PIN\_2 instead of PET video. (Example: TexElec SNES adapter) VIDEO\_OR\_5V VIA\_PA[0..7] <-BVIDEOD 1 +5V VIA\_CA1♦  $\uparrow$ J14 USER\_EDGE GND USER\_HEADER BVIDEOD 21 22 20 VIA\_PA0 VIA\_CA1 VIDEO\_OR\_5V 2 SRQ (19 E0I ♦ 17 C VIA\_PA0 SRQ 18 VIA\_PA1 D VIA\_PA1 E0I♦ DIAG 15

CASS2\_READ 13

CASS\_WEBS 16 VIA\_PA2 E VIA\_PA2 DIAG 14 VIA\_PA3 F\_VIA\_PA3 CASS2\_READ< 12 VIA\_PA4 CASS\_WRITED 11 H VIA\_PA4 CASS\_WRITED-10 VIA\_PA5 CASS1\_READ ( 9 J VIA\_PA5 CASS1\_READ< 8 VIA\_PA6 BVERTD 7 K VIA\_PA6 BHORIZD 5 6 VIA\_PA7 4 ♦ VIA\_CB2 +5٧ BVERTD-L VIA\_PA7 BHORIZD-GRAPHICD 3 GRAPHICD-+ C76 4u7 10V GND GND GND VIA\_CB2♦ Signals with B-prefix are level-shifted from 3V3 to 5V Unspecified capacitors are rated for 25V or higher Unspecified resistors are 1% and rated for 62.5mW or higher Sheet: /USER/ File: USER.kicad\_sch Title: EconoPET 40/8096 Size: A Date: 2023-10-01 Rev: A KiCad E.D.A. 8.0.7 ld: 8/17

















