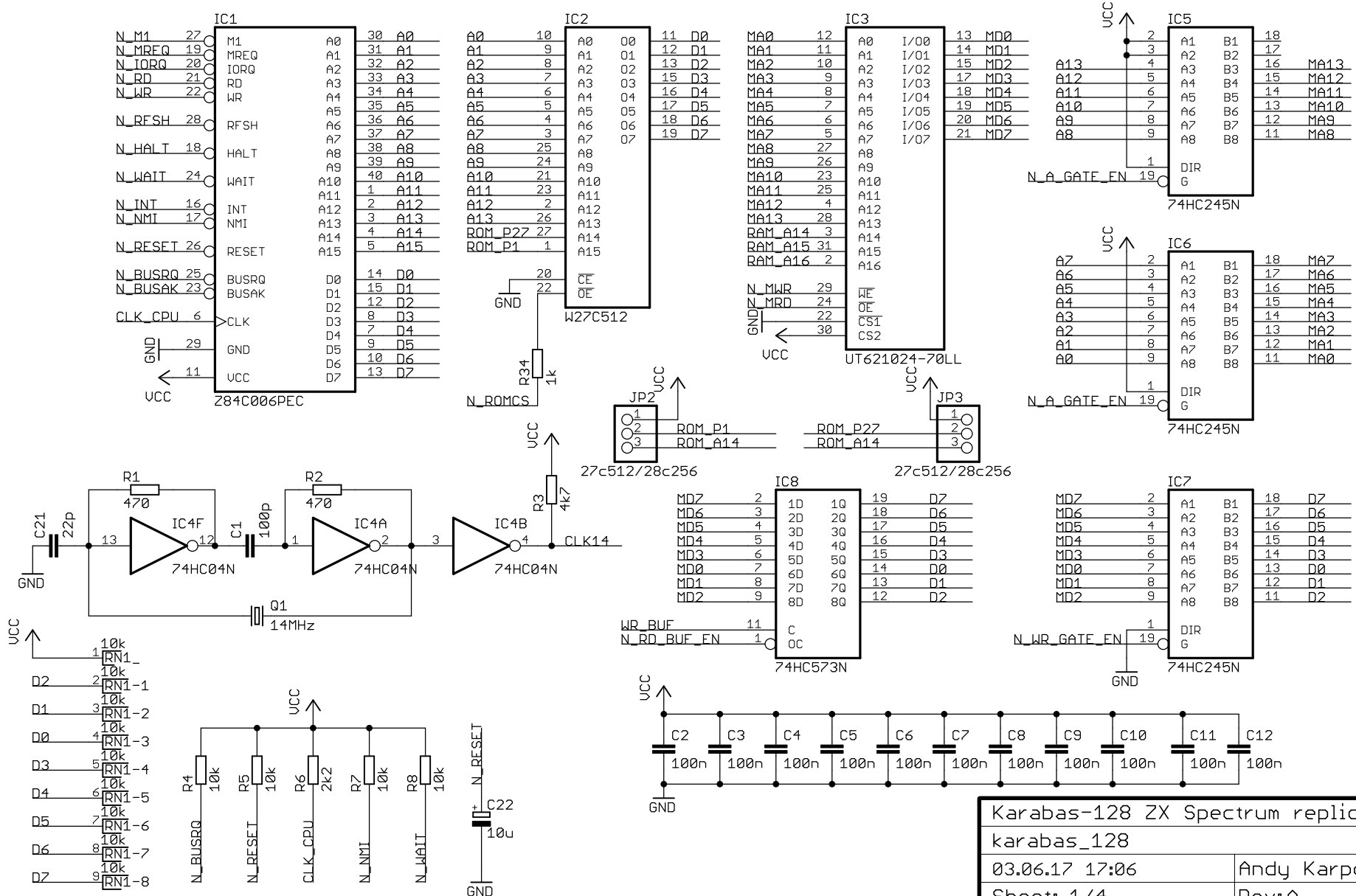
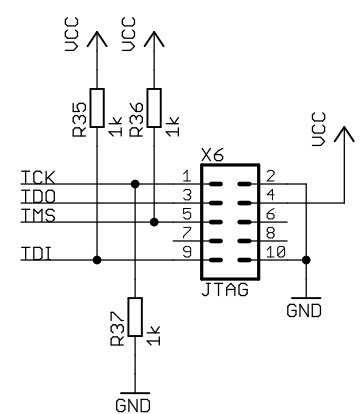


CPU & Memory



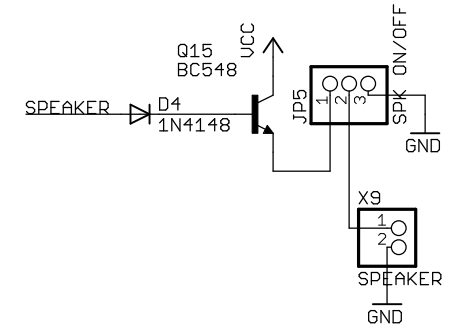


Rev: A

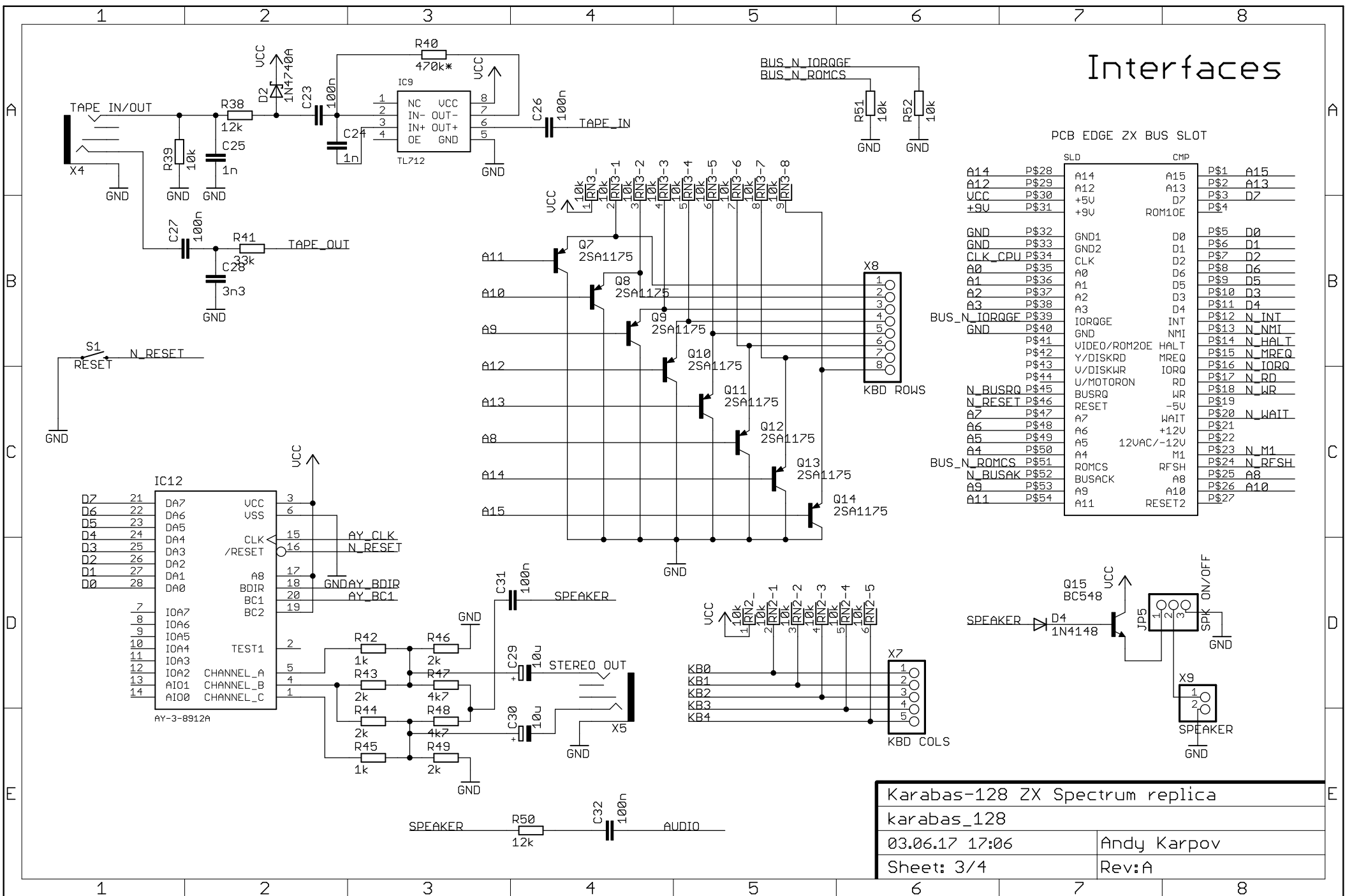
Interfaces

PCB EDGE ZX BUS SLOT

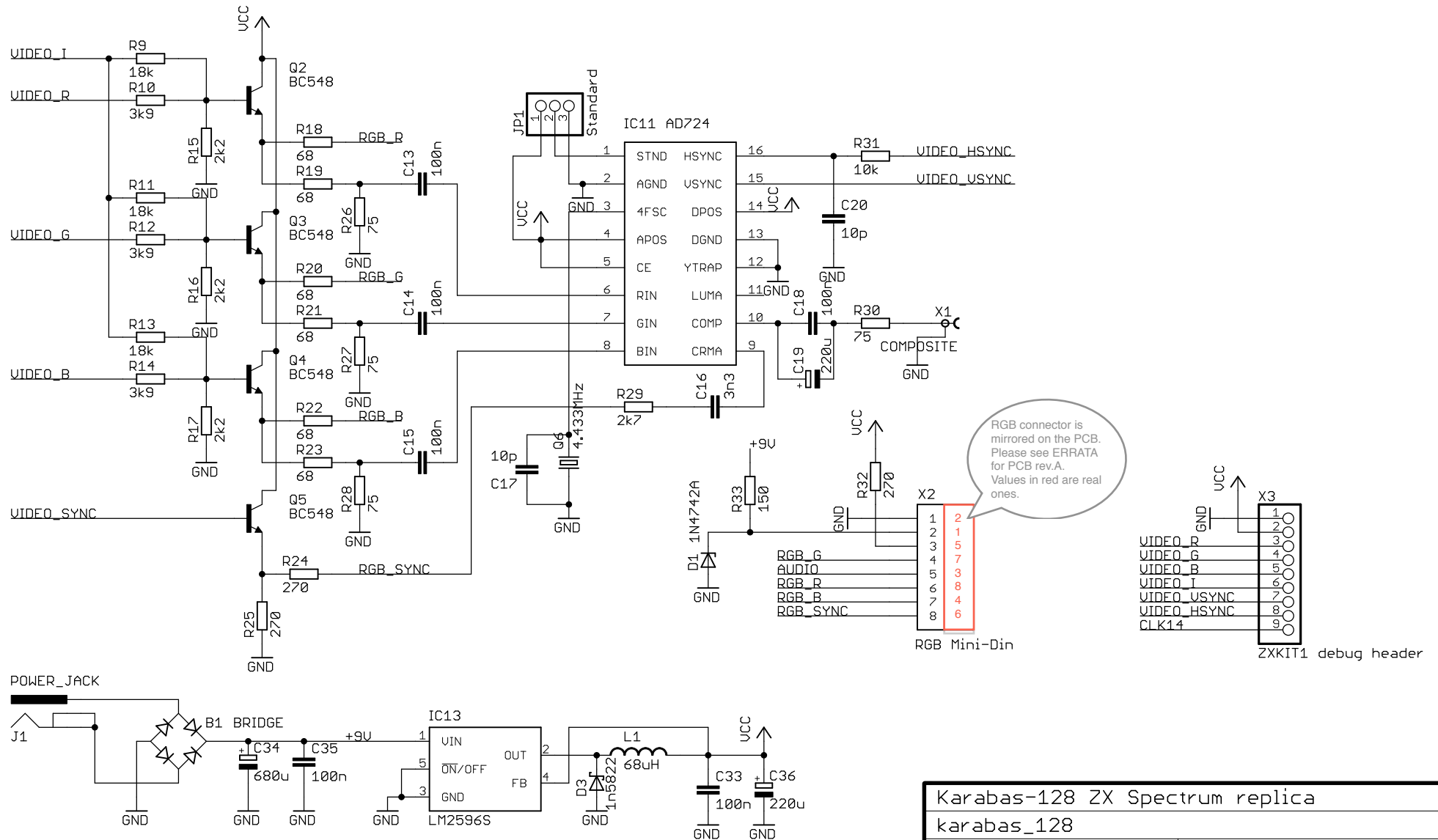
SLD	CMP
A14 P\$28	A15 P\$1 A15
A12 P\$29	A13 P\$2 A13
VCC P\$30	+5V D7 P\$3 D7
+9V P\$31	+9V ROM10E P\$4
GND P\$32	GND1 D0 P\$5 D0
GND P\$33	GND2 D1 P\$6 D1
CLK_CPU P\$34	CLK D2 P\$7 D2
A0 P\$35	A0 D6 P\$8 D6
A1 P\$36	A1 D5 P\$9 D5
A2 P\$37	A2 D3 P\$10 D3
A3 P\$38	A3 D4 P\$11 D4
BUS_N_IORQGE P\$39	IORQGE INT P\$12 N_INT
GND P\$40	GND NMI P\$13 N_NMI
P\$41	VIDEO/ROM20E HALT P\$14 N_HALT
P\$42	Y/DISKRD MREQ P\$15 N_MREQ
P\$43	U/DISKWR IORQ P\$16 N_IORQ
P\$44	U/MOTORON RD P\$17 N_RD
N_BUSRQ P\$45	BSRQ WR P\$18 N_WR
N_RESET P\$46	RESET -5V P\$19
A7 P\$47	A7 WAIT P\$20 N_WAIT
A6 P\$48	A6 +12V P\$21
A5 P\$49	A5 12VAC/-12V P\$22
A4 P\$50	A4 M1 P\$23 N_M1
BUS_N_ROMCS P\$51	ROMCS RFSH P\$24 N_RFSH
N_BUSAK P\$52	BUSACK A8 P\$25 A8
A9 P\$53	A9 A10 P\$26 A10
A11 P\$54	A11 RESET2 P\$27



Karabas-128 ZX Spectrum replica	
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RGB & Composite output, AC/DC unit



Karabas-128 ZX Spectrum replica

karabas_128

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Andy Karpov

Rev:A