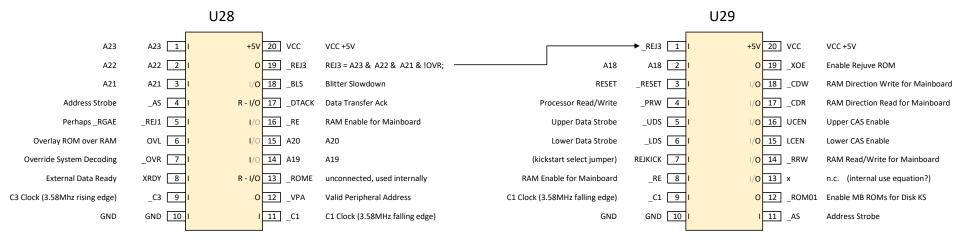
Amiga 1000 Rejuvenator PALs "Best Guess"

I = Input, O = Combinatorial Output, R = Registered Output.



PAL analyser shows fixed high output for 14,15,16,18 indicating those pins are inputs.

PAL analyser shows registered output for 13,17 indicating those pins are tri-state or feedback enabled.

Even though pin 13 is n.c., the PAL analyser shows an active equation, indicating it might be used internally.

		U30					U31	
Data Transfer Ack	_DTACK 1	+5V	24 VCC	VCC +5V	(memory cfg jumper)	MCFG2 1	+5V 24 VCC	VCC +5V
RAM Enable (Agnus pin25)	_RAMEN 2 I	I	23 _REGEN	Chip Register Enable	A23	A23 2 1	I 23 MCFG1	(memory cfg jumper)
(most likely _CLKE)	_REJ2 3 I	0	22 _CLKW	Realtime Clock Write	A22	A22 3 I	O 22 _RAMEN	RAM Enable (Agnus pin25)
DMA Address Enable	_DAE 4 I	R - I/O	21 x	n.c. (internal use equation?)	A21	A21 4 I	I/O 21 REJKICK	(Kickstart select jumper)
Address Strobe	_AS 5 I	R - I/O	20 x	n.c. (internal use equation?)	Address Strobe	_AS 5 I	R - I/O 20 _DAE	DMA Address Enable
Upper Data Strobe	_UDS 6 I	R - I/O	19 _CNT	Address Counter	A20	A20 6 I	I/O 19 _REGEN	Chip Register Enable
Overlay ROM over RAM	OVL 7	R - I/O	18 _REJ1	Perhaps _RGAE	Overlay ROM over RAM	OVL 7 I	I/O 18 _DTACK	Data Transfer Ack
Override System Decoding	_OVR 8 I	R - I/O	17 _CDWREJ	(_CDW for Rejuve RAM)	Override System Decoding	_OVR 8 I	I/O 17 x	n.c. (internal use equation?)
Lower Data Strobe	_LDS 9 I	R - I/O	16 _CDRREJ	(_CDR for Rejuve RAM)	A19	A19 9 I	R - I/O 16 _RE	RAM Enable for Mainboard
C1 Clock (3.58MHz falling edge)	_C1 10 I	0	15 _CLKR	Realtime Clock Read	C1 Clock (3.58MHz falling edge)	_C1 <u>10</u> I	0 15 _REJ2	(most likely _CLKE)
C3 Clock (3.58Mhz rising edge)	_C3 11 I	ı	14 _PRW	Processor RW	A18	A18 11 I	I 14 _C3	C3 Clock (3.58Mhz rising edge)
GND	GND 12 GN	ND I	13 _BLIT	Chip Memory Enable (_DBR replace?)	GND	GND 12 GND	D I 13 A17	A17

PAL analyser shows registered output for 16,17,18,19,20,21
Even though pins 20,21 are n.c., the PAL analyser shows active equations, indicated they might be used internally.

PAL analyser shows fixed high output for 18,21 indicating those pins are inputs.

PAL analyser shows registered output for 16,20 indicating those pins are tri-state or feedback enabled.

Even though pin 17 is n.c., the PAL analyser shows an active equation, indicating it might be used internally.