

pin number (for both 581VA1 and 1002HL1)	581VA1 function	corresponding pin of 1002HL1	pin definition in terms of 581VA1	pin definition in terms of 1002HL1	corresponding pin of 581VA1	1002HL1 function
1	N/A	42	5 VOLT	EIN	N/A	IN
2	N/A	N/A	-12 VOLT	STSP	N/A	OUT
3	N/A	21	GND	EZR	4	IN
4	IN	3	~RDE	QP	N/A	OUT
5	OUT	5	RD7	Q8	5	OUT
6	OUT	6	RD6	Q7	6	OUT
7	OUT	7	RD5	Q6	7	OUT
8	OUT	8	RD4	Q5	8	OUT
9	OUT	9	RD3	Q4	9	OUT
10	OUT	10	RD2	Q3	10	OUT
11	OUT	11	RD1	Q2	11	OUT
12	OUT	12	RD0	Q1	12	OUT
13	OUT	13	RPE	PE	13	OUT
14	OUT	14	RFE	FE	14	OUT
15	OUT	15	ROR	DE	15	OUT
16	IN	18	~SWE	DA	19	OUT
17	IN	23	CR	THRE	22	OUT
18	IN	19	~RDA	EZE	16	OUT
19	OUT	16	ODA	DAR	18	IN
20	IN	22	RSI	CLR	21	IN
21	IN	20	R	GND	3	N/A
22	OUT	17	RDY	SDI	20	IN
23	IN	26	~TDS	CLRR	17	IN
24	OUT	25	TEC	SDO	25	OUT
25	OUT	24	TSO	TSRE	24	OUT
26	IN	27	TD0	CTR	23	IN
27	IN	28	TD1	D1	26	IN
28	IN	29	TD2	D2	27	IN
29	IN	30	TD3	D3	28	IN

30	IN	31	TD4	D4	29	IN
31	IN	32	TD5	D5	30	IN
32	IN	33	TD6	D6	31	IN
33	IN	34	TD7	D7	32	IN
34	IN	40	SC	D8	33	IN
35	IN	39	NPB	SBS	36	IN
36	IN	35	NSB	WLS1	37	IN
37	IN	36	NB2	WLS2	38	IN
38	IN	37	NB1	EPE	39	IN
39	IN	38	OEP	PI	35	IN
40	IN	41	CT	CRL	34	IN
41	N/A	N/A	N/A	CLCT	40	IN
42	N/A	N/A	N/A	5 VOLT	1	N/A