

CONFIDENTIAL - INTELLIGENT SOFTWARE & ENTERPRISE COMPUTERS LTD.

Document PER-14
Title RAM Card Parts List
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1. Sorted by Component Reference
2. Sorted by Component Description

1. Sorted by Component Reference

Reference	Description
U1	4164-15
U2	4164-15
U3	4164-15
U4	4164-15
U5	4164-15
U6	4164-15
U7	4164-15
U8	4164-15
U9(SK1)	28 pin ROM socket
U10	74LS244
U11	74ALS157
U12	74ALS157
U13	74LS138
U14	74LS266
U15	74LS08
U16	74LS32
R1	220R 1/4W
R2	220R 1/4W
R3	820R 1/4W
R4	33R 1/4W
RPl	4k7 Octal resistor pack
C1	47p Ceramic
C2	47p Ceramic
C3	100uF 6V3 Electrolytic
C4	100n Ceramic
C5	100n Ceramic
C6	100n Ceramic
C7	100n Ceramic
C8	100n Ceramic
C9	100n Ceramic
C10	100n Ceramic
C11	100n Ceramic
C12	100n Ceramic
C13	100n Ceramic
C14	100n Ceramic
C15	100n Ceramic
C16	100n Ceramic
C17	100n Ceramic
C18	100n Ceramic
PCB1	RAM card PCB

2. Sorted by Component Description

Description	Qty.	Part No.	Reference
28 pin ROM socket	1	05-11	U9(SK1)
4164-15, 7-bit refresh	8	08-30	U1-8
74LS08	1	?????	U15
74LS32	1	08-22	U16
74LS138	1	08-39	U13
74ALS157	2	08-27	U11-12
74LS244	1	08-06	U10
74LS266	1	?????	U14
(All TTL to Texas specifications.)			
33R 1/4W 5% carbon film	1	?????	R4
220R 1/4W 5% carbon film	2	14-15	R1-2
820R 1/4W 5% carbon film	1	14-45	R3
4k7 Octal SIL resistor pack	1	?????	RP1
47p Ceramic	2	15-21	C1-2
100n Ceramic	15	15-03	C4-18
100uF 6V3 Axial electrolytic (Tol. +80%/-20%)	1	?????	C3
RAM card PCB	1	?????	PCB1