

CONFIDENTIAL - INTELLIGENT SOFTWARE & ENTERPRISE COMPUTERS LTD.

Document PER-13
Title Disk Controller Parts List
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1. Sorted by Component Reference
2. Sorted by Component Description

1. Sorted by Component Reference

| Reference | Description |
|-----------|--|
| U1 | WD1770 |
| U2 | 23128 ROM |
| U3 | 74LS245 |
| U4 | 74LS273 |
| U5 | 74LS266 |
| U6 | 74LS266 |
| U7 | 74LS02 |
| U8 | 74LS10 |
| U9 | 74LS32 |
| U10 | 74LS126 |
| U11 | 7438 |
| U12 | 7438 |
| U13 | 7438 |
| R1 | 820R 1/4W |
| R2 | 820R 1/4W |
| R3 | 820R 1/4W |
| R4 | 470R 1/4W |
| R5 | 470R 1/4W |
| R6 | 470R 1/4W |
| R7 | 470R 1/4W |
| R8 | 470R 1/4W |
| R9 | 470R 1/4W |
| C1 | 100uF 6V3 Electrolytic |
| C2 | 100n Ceramic |
| C3 | 100n Ceramic |
| C4 | 100n Ceramic |
| C5 | 100n Ceramic |
| C6 | 100n Ceramic |
| C7 | 100n Ceramic |
| C8 | 100n Ceramic |
| C9 | 100n Ceramic |
| CN1 | 34-way PCB-mounting right-angle IDC plug |
| SK1 | 28-pin IC socket for ROM |
| PCB1 | Disk controller PCB |

2. Sorted by Component Description

| Description | Qty. | Part No. | Reference |
|---|------|----------|-----------|
| WD1770 (Western Digital) | 1 | ????? | U1 |
| 23128 ROM (Intel spec.) | 1 | ????? | U2 |
| 74LS02 | 1 | ????? | U7 |
| 74LS10 | 1 | ????? | U8 |
| 7438 | 3 | ????? | U11-13 |
| 74LS32 | 1 | 08-22 | U9 |
| 74LS126 | 1 | ????? | U10 |
| 74LS245 | 1 | 08-07 | U3 |
| 74LS266 | 2 | ????? | U5-6 |
| 74LS273 | 1 | 08-12 | U4 |
| (All TTL to Texas specifications.) | | | |
| 470R 1/4W 5% carbon film | 6 | 14-10 | R4-9 |
| 820R 1/4W 5% carbon film | 3 | 14-45 | R1-3 |
| 100n Ceramic | 8 | 15-03 | C2-9 |
| 100uF 6V3 Axial electrolytic (Tol. +80%/-20%) | 1 | ????? | C1 |
| 34-way IDC plug (Molex 5578-NBGS series or sim.) | 1 | ????? | CN1 |
| 28-pin IC socket | 1 | 05-11 | SK1 |
| Disk controller PCB | 1 | ????? | PCB1 |