

IMSAI ECO 24-0001

Engineering Change Order for: CP-A Rev-4

Summary

Component substitutions due to obsolescence.

Details

The following components may have been discontinued and may be substituted according to the following table:

| Parastream / IMSAI Part # | Component | Designators | Parastream / IMSAI Part # | Substitution |
|-------------------------------------|-------------------------------------|-----------------------|------------------------------|---------------------------------------|
| 36-10000000 / 36-0740001 | 7400 4×2-In NAND PDIP | U14, U25 | 36-10500000 / 36-0740002 | 74LS00 4×2-In NAND PDIP |
| 36-10000200 / 36-0740201 | 7402 4×2-In NOR PDIP | U13, U16 | 36-10500200 / 36-0740202 | 74LS02 4×2-In NOR PDIP |
| 36-10000400 / 36-0740401 | 7404 6× Inverter PDIP | U10 | 36-10500400 / 36-0740402 | 74LS04 6× Inverter PDIP |
| 36-10000500 / 36-0740501 | 7405 6× Inverter OC PDIP | U1, U3, U4, U6, U7 | 36-10500500 / 36-0740502 | 74LS05 6× Inverter OC PDIP |
| 36-10001000 / 36-0741001 | 7410 3×3-In NAND PDIP | U12 | 36-10501000 / 36-0741002 | 74LS10 3×3-In NAND PDIP |
| 36-10012300 / 36-7412301 | 74123 2× Retrig One-shot PDIP | U17, U20, U23 | 36-10512300 / 36-7412302 | 74LS123 2× Retrig One-shot PDIP |

Notes

These substitutions are not mandatory if all the components in the table are available. All or none of the component substitutions must be made. No individual substitutions are allowed.

These component substitutions reduce the overall power consumption and present less of a leakage current load on the CPU data bus.

Document Revision History

| Revision | Date | Initial | Description |
|----------|------------|---------|-------------|
| 0 | 2024-08-29 | REW | Original. |