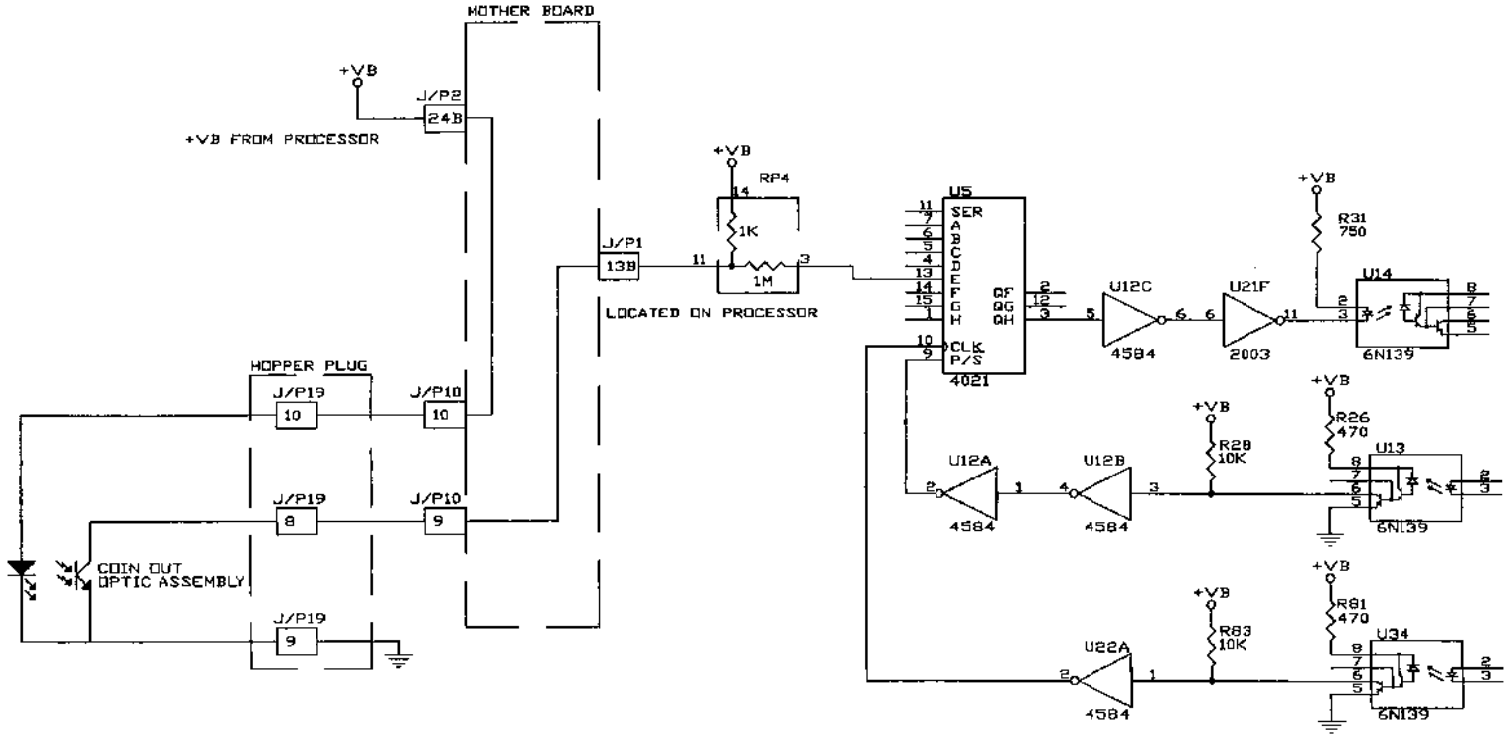
Problem: Coin-Out Problems (3200 Code)



Before removing the processor board, check the following areas:

- ✓ Use input test 14 to verify the problem
- ✓ Perform the hopper test in the self test mode, if problem recurs then replace optics
- ✓ Verify Vb (~8 to 10 VDC) is at hopper plug (J/P19-9 to J/P19-10) and check connections
- ✓ Check for any physical reason why coin stays in the optics for over 700m sec.
- ✓ Clean optics, and test
- ✓ Check optic and optic wires for damage
- ✓ Verify optic ground lead is secure to chassis and optics connector
- ✓ With escalator hopper, coin-out optics and mechanical flag may need adjustment or spring replacement
- ✓ Visually inspect wires and connectors

If that doesn't work, try the following steps:

- ➪ Replace the processor board with a "known good" one
- ➪ If the processor board seems bad, verify in the tester
- ➪ If the processor board is good, then replace the motherboard
- ➪ To repair the motherboard, use this diagram to isolate the bad trace
- ➪ If the motherboard and processor board are good, then use this diagram to test for wire continuity

CONTINUITY TEST
de: (J/P19-10 to J/P10-10)
ide: (J/P19-8 to J/P10-9)

MOTHERBOARD CONTINUITY CHECK
J/P10-9 to J/P1-13B
J/P10-10 to J/P2-24B

PROCESSOR BOARD TEST
Test U5 - if problem continues, then replace
Test U14 - if problem continues, then replace
Test U21 - if problem continues, then replace
Test U12 - if problem continues, then replace
Test RP4 - if problem continues, then replace