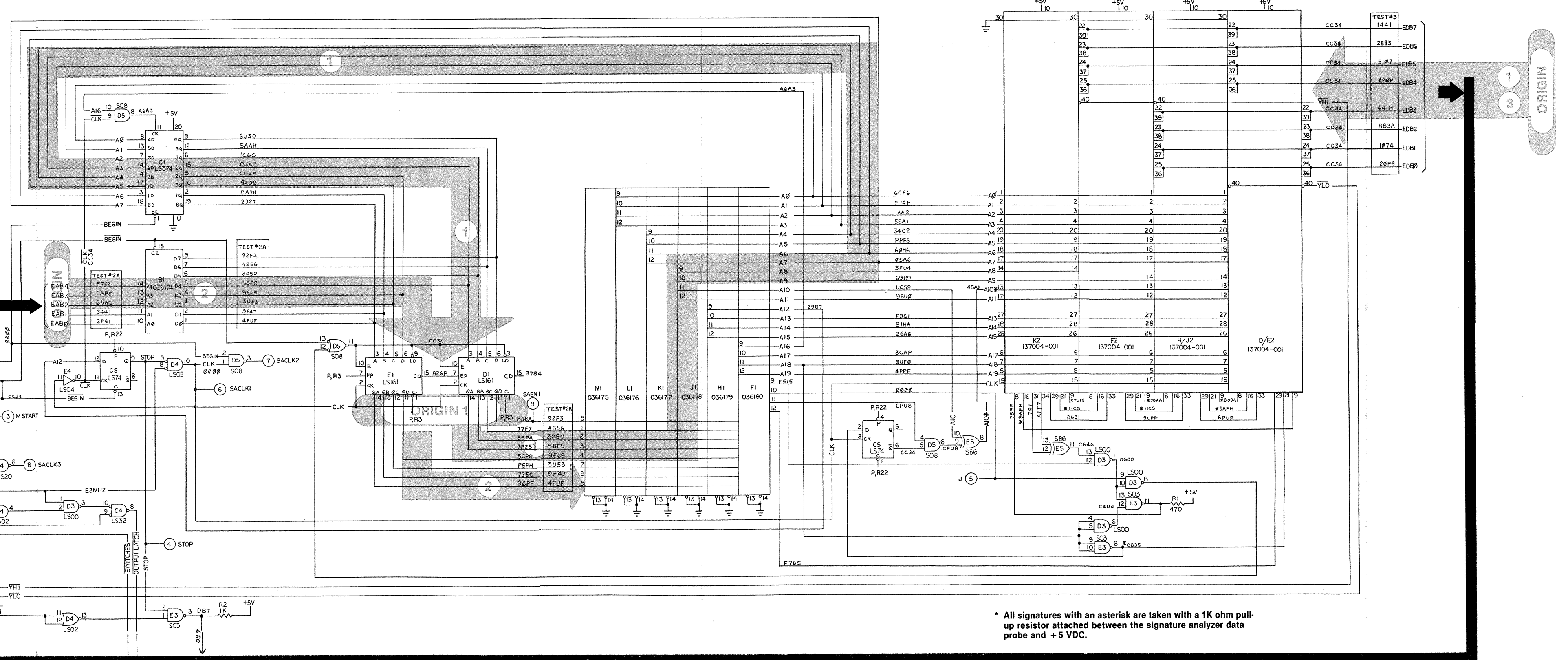


Math Box

Blue arrows indicate signal flow of each test during signature analysis.



* All signatures with an asterisk are taken with a 1K ohm pull-up resistor attached between the signature analyzer data probe and +5 VDC.

NOTE
 □ Indicates edge connector
 ○ Indicates interconnect connector
 ○ Indicates test point
 Four-digit alphanumeric numbers are signatures of Math Box test points.
 Unboxed signatures are taken during Test #1.

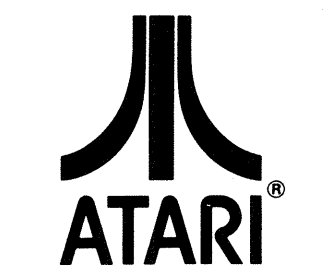
Output Latch

Audio Output

Control Panel Inputs and Audio Generator

Power Input

Adjustment of R11
 If you replace the Battlezone™ Auxiliary PCB, you may have to adjust one control on this board. Follow this step:
 Enter the play mode. Listen to the tank idle sound: it should be a moderate speed—not too slow (as in an engine about to stall) or too fast.
 Adjust the potentiometer at R11 on the Auxiliary PCB. This resistor is just about in the center of the PCB. Also check that the idle speed is properly adjusted by driving the tank forward: the motor speed should increase.



Sheet 3, Side B
BATTLEZONE™
CABARET
 Auxiliary PCB
 Audio Output
 Control Panel Inputs
 Math Box
 Section of 035678-01 A

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