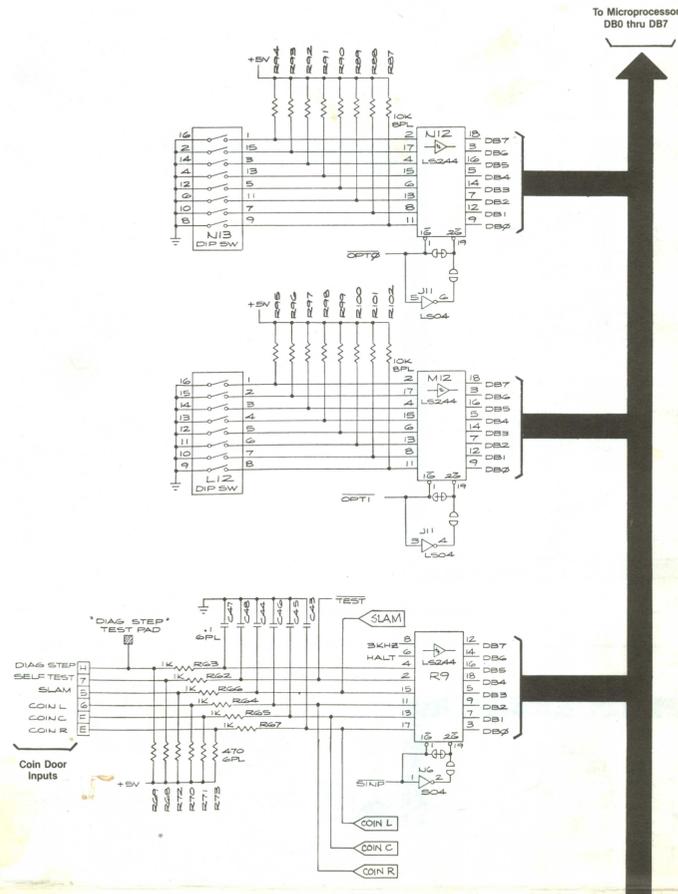


Coin Door and Option Switch Inputs

To Microprocessor DB0 thru DB7



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Tempest™

Sheet 2, Side B

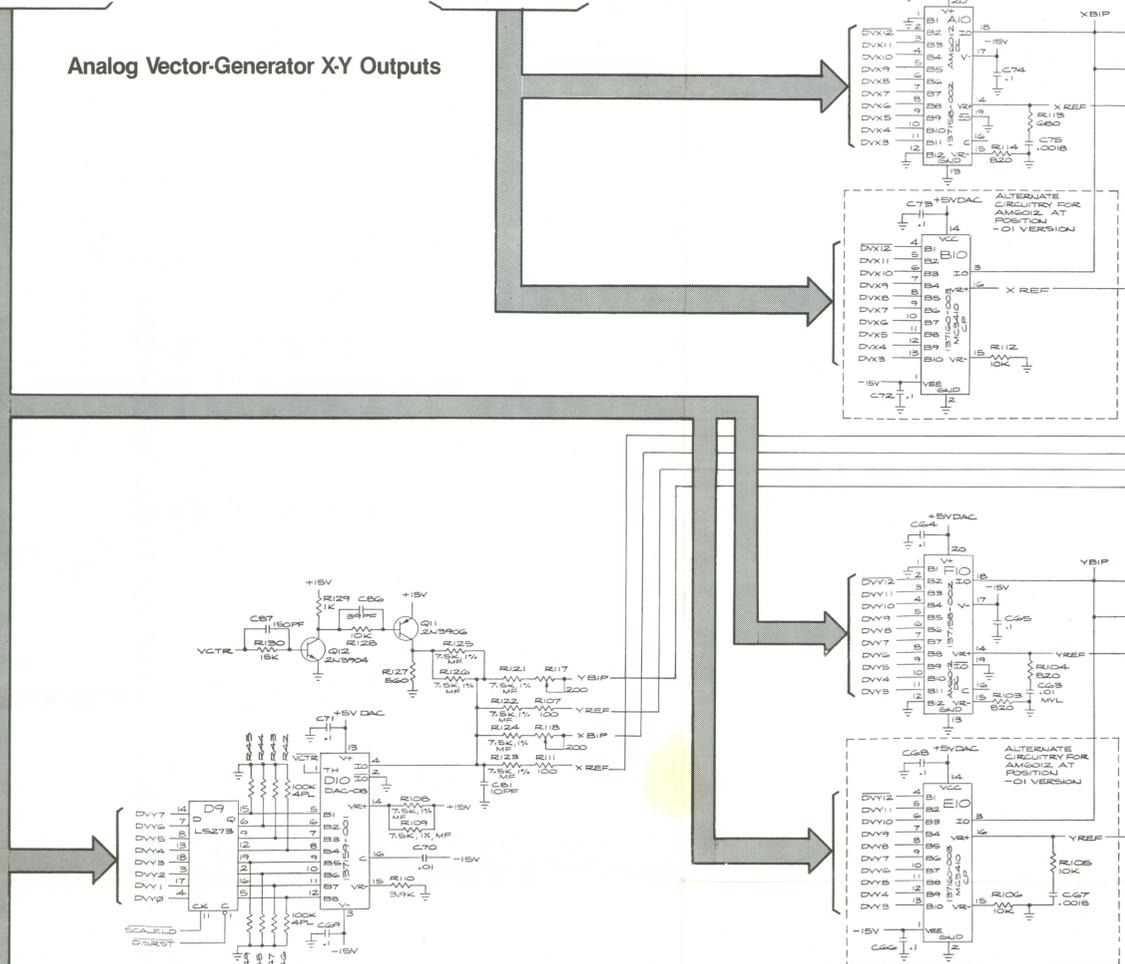
Analog Vector-Generator PCB
Coin Door and Option Switch Inputs
X-Y Outputs
Color Outputs
Coin Counter and Video Invert Outputs
Section of 037383-01 thru -04 C

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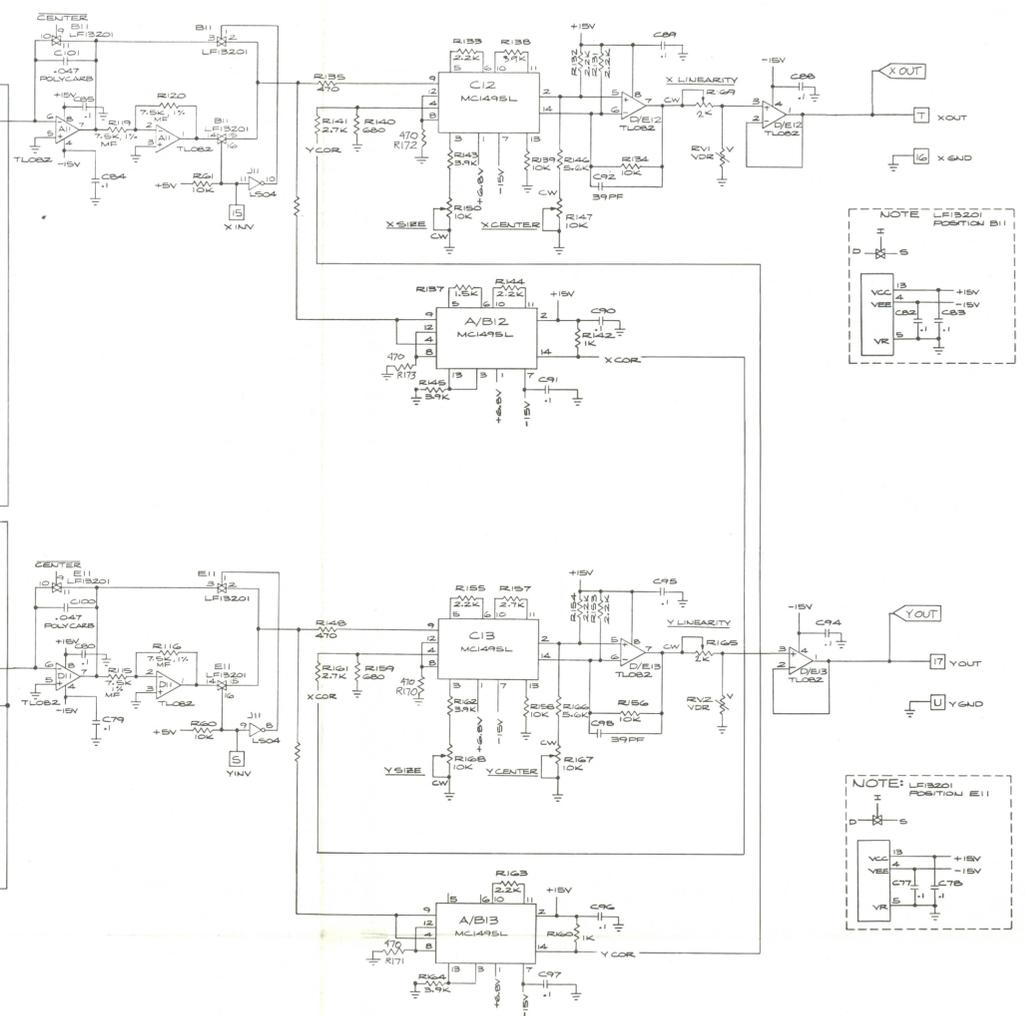
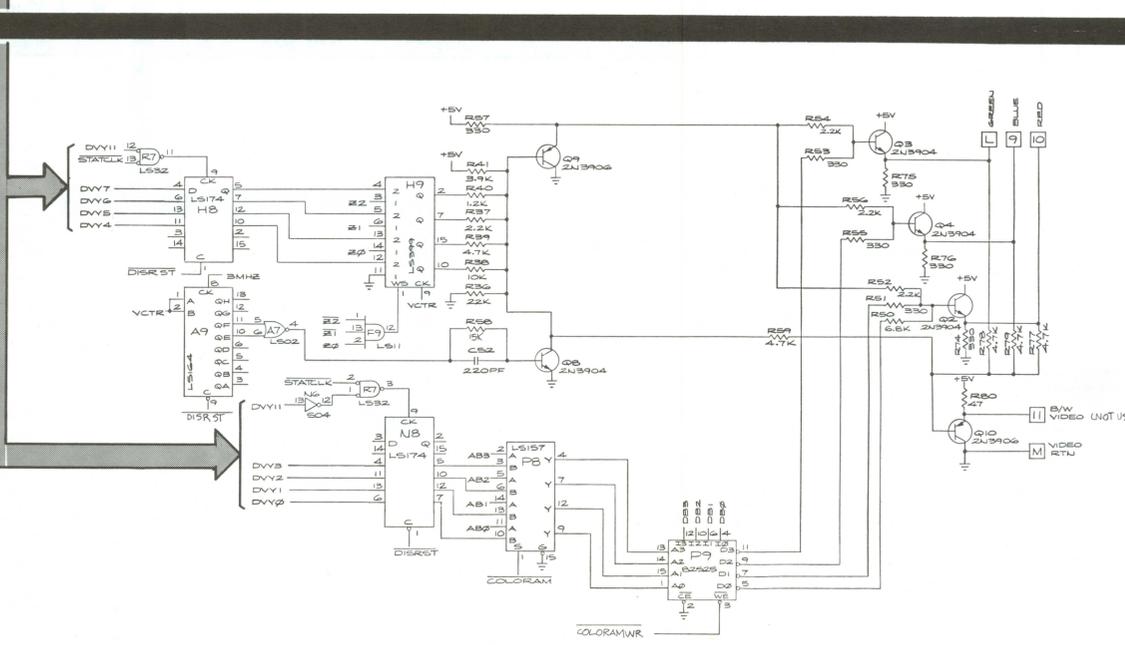
From Vector-Generator Data Shifter

Analog Vector-Generator X-Y Outputs

From Vector-Generator Data Shifter



Analog Vector-Generator Color Outputs



Adjusting Video Pots

If you replace the Tempest™ Analog Vector-Generator PCB (Main PCB) or the monitor, you may have to make the following adjustments:

1. Enter self-test and advance screen to diagonal crosshatch pattern.
2. Adjust "CENTER" pots: Adjust X-CENTER (R147) and Y-CENTER (R167) so that the crosshatch pattern is located at the middle of the screen.
3. Adjust "SIZE" pots: Adjust X-SIZE (R150) and Y-SIZE (R168) so that the crosshatch pattern exactly covers the whole visible screen.
4. Adjust the "BIP" pots: Adjust X-BIP (R117) and Y-BIP (R117) so that the corners of the diagonal lines rest exactly on the sides of the outer rectangle.
5. Adjust the "LIN" pots: Adjust the X-LINEAR (R169) and Y-LINEAR (R165) so that the diagonal lines are straight. Since the "LIN" pots change the size of the displayed picture on the screen, you may have to readjust the "SIZE" pots in order to get the correct adjustment.



Coin Counter and Video Invert Outputs

