C1 +5V_MAIN 100nF GND
C2 +5V_MAIN 100nF GND
C3 +5V_MAIN 100nF GND
C4 +5V_MAIN 100nF GND
C5 +5V_MAIN 100nF GND
C6 +5V_MAIN 100nF GND
H1 MountingHole_M3
H2 MountingHole_M3
H3 MountingHole_M3
H4 MountingHole_M3
J1 Conn_02x20_Pin
J_EXP Conn_01x04_Pin READY_WAIT +3V3_LOGIC +24V_IND GND
LED_A_0 NET_LED_A0 BUS_A0 WP7113GD
PWR_FLAG +5V_MAIN
PWR_FLAG GND
LED_A_1 NET_LED_A1 BUS_A1 WP7113GD
LED_A_2 NET_LED_A2 BUS_A2 WP7113GD
LED_A_3 NET_LED_A3 BUS_A3 WP7113GD
LED_A_4 NET_LED_A4 BUS_A4 WP7113GD
LED_A_5 NET_LED_A5 BUS_A5 WP7113GD
LED_A_6 NET_LED_A6 BUS_A6 WP7113GD
LED_A_7 NET_LED_A7 BUS_A7 WP7113GD
LED_A_8 NET_LED_A8 BUS_A8 WP7113GD
LED_A_9 NET_LED_A9 BUS_A9 WP7113GD
LED_A_10 NET_LED_A10 BUS_A10 WP7113GD
LED_A_11 NET_LED_A11 BUS_A11 WP7113GD
LED_A_12 NET_LED_A12 BUS_A12 WP7113GD
LED_A_13 NET_LED_A13 BUS_A13 WP7113GD
LED_A_14 NET_LED_A14 BUS_A14 WP7113GD
LED_A_15 NET_LED_A15 BUS_A15 WP7113GD
LED_D_0 NET_LED_D0 BUS_D0 WP7113ID
LED_D_1 NET_LED_D1 BUS_D1 WP7113ID
LED_D_2 NET_LED_D2 BUS_D2 WP7113ID
LED_D_3 NET_LED_D3 BUS_D3 WP7113ID
LED_D_4 NET_LED_D4 BUS_D4 WP7113ID
LED_D_5 NET_LED_D5 BUS_D5 WP7113ID
LED_D_6 NET_LED_D6 BUS_D6 WP7113ID
LED_D_7 NET_LED_D7 BUS_D7 WP7113ID
LED_D_8 NET_LED_D8 BUS_D8 WP7113ID
LED_D_9 NET_LED_D9 BUS_D9 WP7113ID
LED_D_10 NET_LED_D10 BUS_D10 WP7113ID
LED_D_11 NET_LED_D11 BUS_D11 WP7113ID
LED_D_12 NET_LED_D12 BUS_D12 WP7113ID
LED_D_13 NET_LED_D13 BUS_D13 WP7113ID
LED_D_14 NET_LED_D14 BUS_D14 WP7113ID
LED_D_15 NET_LED_D15 BUS_D15 WP7113ID
LED_HALT NET_LED_HALT CONSOLE_EN_n WP7113YD
LED_STEP NET_LED_STEP CTR_STEP WP7113YD
LED_EXAM NET_LED_EXAM CTR_EXAM WP7113YD
LED_DEP NET_LED_DEP SW_DEP_PULSE WP7113YD
LED_RESET NET_LED_RESET RESET_n WP7113YD
LED_START NET_LED_START SW_START_PULSE WP7113YD
RN1 GND 10k NET_LED_A0 NET_LED_A1 NET_LED_A2 NET_LED_A3 NET_LED_A4 NET_LED_A5 NET_LED_A6 NET_LED_A7
RN2 GND 10k NET_LED_A8 NET_LED_A9 NET_LED_A10 NET_LED_A11 NET_LED_A12 NET_LED_A13 NET_LED_A14 NET_LED_A15
RN3 GND 10k NET_LED_D0 NET_LED_D1 NET_LED_D2 NET_LED_D3 NET_LED_D4 NET_LED_D5 NET_LED_D6 NET_LED_D7
RN4 GND 10k NET_LED_D8 NET_LED_D9 NET_LED_D10 NET_LED_D11 NET_LED_D12 NET_LED_D13 NET_LED_D14 NET_LED_D15
RN5 GND 10k NET_LED_HALT NET_LED_STEP NET_LED_EXAM NET_LED_DEP NET_LED_RESET NET_LED_START GND GND
SW_A_0 SW_A0_VAC +5V_MAIN GND 7101MD9CDE
SW_A_1 SW_A1_VAC +5V_MAIN GND 7101MD9CDE
SW_A_2 SW_A2_VAC +5V_MAIN GND 7101MD9CDE
SW_A_3 SW_A3_VAC +5V_MAIN GND 7101MD9CDE
SW_A_4 SW_A4_VAC +5V_MAIN GND 7101MD9CDE
SW_A_5 SW_A5_VAC +5V_MAIN GND 7101MD9CDE
SW_A_6 SW_A6_VAC +5V_MAIN GND 7101MD9CDE
SW_A_7 SW_A7_VAC +5V_MAIN GND 7101MD9CDE
SW_A_8 SW_A8_VAC +5V_MAIN GND 7101MD9CDE
SW_A_9 SW_A9_VAC +5V_MAIN GND 7101MD9CDE
SW_A_10 SW_A10_VAC +5V_MAIN GND 7101MD9CDE
SW_A_11 SW_A11_VAC +5V_MAIN GND 7101MD9CDE
SW_A_12 SW_A12_VAC +5V_MAIN GND 7101MD9CDE
SW_A_13 SW_A13_VAC +5V_MAIN GND 7101MD9CDE
SW_A_14 SW_A14_VAC +5V_MAIN GND 7101MD9CDE
SW_A_15 SW_A15_VAC +5V_MAIN GND 7101MD9CDE
SW_D_0 SW_D0_VAC +5V_MAIN GND 7101MD9CDE
SW_D_1 SW_D1_VAC +5V_MAIN GND 7101MD9CDE
SW_D_2 SW_D2_VAC +5V_MAIN GND 7101MD9CDE
SW_D_3 SW_D3_VAC +5V_MAIN GND 7101MD9CDE
SW_D_4 SW_D4_VAC +5V_MAIN GND 7101MD9CDE
SW_D_5 SW_D5_VAC +5V_MAIN GND 7101MD9CDE
SW_D_6 SW_D6_VAC +5V_MAIN GND 7101MD9CDE
SW_D_7 SW_D7_VAC +5V_MAIN GND 7101MD9CDE
SW_D_8 SW_D8_VAC +5V_MAIN GND 7101MD9CDE
SW_D_9 SW_D9_VAC +5V_MAIN GND 7101MD9CDE
SW_D_10 SW_D10_VAC +5V_MAIN GND 7101MD9CDE
SW_D_11 SW_D11_VAC +5V_MAIN GND 7101MD9CDE
SW_D_12 SW_D12_VAC +5V_MAIN GND 7101MD9CDE
SW_D_13 SW_D13_VAC +5V_MAIN GND 7101MD9CDE
SW_D_14 SW_D14_VAC +5V_MAIN GND 7101MD9CDE
SW_D_15 SW_D15_VAC +5V_MAIN GND 7101MD9CDE
SW_HALT CONSOLE_EN_n +5V_MAIN GND 7108MD9CDE
SW_STEP CTR_STEP +5V_MAIN GND 7108MD9CDE
SW_EXAM CTR_EXAM GND 7108MD9CDE
SW_DEP SW_DEP_PULSE GND 7108MD9CDE
SW_RESET RESET_n GND 7108MD9CDE
SW_START SW_START_PULSE GND 7108MD9CDE
U1 74HCT541 CONSOLE_EN_n OE1 OE2 A0 A1 A2 A3 A4 A5 A6 A7 Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 VCC GND
U2 74HCT541 CONSOLE_EN_n OE1 OE2 A0 A1 A2 A3 A4 A5 A6 A7 Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 VCC GND
U3 74HCT541 CONSOLE_EN_n OE1 OE2 A0 A1 A2 A3 A4 A5 A6 A7 Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 VCC GND
U4 74HCT541 CONSOLE_EN_n OE1 OE2 A0 A1 A2 A3 A4 A5 A6 A7 Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 VCC GND
U5 74HCT541 GND OE1 OE2 A0 A1 A2 A3 A4 A5 A6 A7 Y0 Y1 Y2 Y3 Y4 Y5 Y6 Y7 VCC GND
CLACK_STROBE BUS_RW_n

40-Pin CLACK-BUS • Antigravity AI
32x Toggle Switches & Status LEDs
Vintage Frontpanel Blinkenlights
Christian Buchnas • Peter Prikasky
CLACK-MAINFRAME

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Title: Slice 3: PDP-11 Frontpanel

Size: A2	Date: 2026-11-07	**Rev: v1.0**
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