

## SYSTEM OVERVIEW & INTERFACE SPECIFICATION

Acorn Risc PC Eurocard 3U Slice 3 • DEC PDP-11 Operator Console • 16x Adress-Kippschalter (A15..A0) • 16x Daten-Kippschalter (D15..D0) • 38 Status-LEDs (Address, Data, Run, Halt, Step, Clock) • 74HCT541 Oktal-Puffer mit TriState-Freigabe • Taster Examine, Deposit, Step, Reset.

## CLACK-BUS 40-PIN STACK-THROUGH INTERFACE

Vollständige 16-Bit Adress- und Datenbusanbindung an das System.

◇BUS\_A0  
◇BUS\_A1  
◇BUS\_A2  
◇BUS\_A3  
◇BUS\_A4  
◇BUS\_A5  
◇BUS\_A6  
◇BUS\_A7  
◇BUS\_A8  
◇BUS\_A9  
◇BUS\_A10  
◇BUS\_A11  
◇BUS\_A12  
◇BUS\_A13  
◇BUS\_A14  
◇BUS\_A15  
◇BUS\_D0  
◇BUS\_D1  
◇BUS\_D2  
◇BUS\_D3  
◇BUS\_D4  
◇BUS\_D5  
◇BUS\_D6  
◇BUS\_D7  
◇BUS\_D8  
◇BUS\_D9  
◇BUS\_D10  
◇BUS\_D11  
◇BUS\_D12  
◇BUS\_D13  
◇BUS\_D14  
◇BUS\_D15

## 16x ADDRESS SWITCHES & BLINKENLIGHTS

Manuelle Adressvorgabe (A15..A0) mit LED-Zustandsanzeige (Octal-Gruppierung).

◇SW\_A0  
 ◇SW\_A1  
 ◇SW\_A2  
 ◇SW\_A3  
 ◇SW\_A4  
 ◇SW\_A5  
 ◇SW\_A6  
 ◇SW\_A7  
 ◇LED\_A0  
 ◇LED\_A1  
 ◇LED\_A2  
 ◇LED\_A3  
 ◇LED\_A4  
 ◇LED\_A5  
 ◇LED\_A6  
 ◇LED\_A7  
 ◇RN\_A\_L0  
 ◇RN\_A\_HI

## 16x DATA SWITCHES & BLINKENLIGHTS

Manuelle Dateninspektion und -eingabe (D15..D0) mit LED-Zustandsanzeige.

—◇SW\_D0  
 —◇SW\_D1  
 —◇SW\_D2  
 —◇SW\_D3  
 —◇SW\_D4  
 —◇SW\_D5  
 —◇SW\_D6  
 —◇SW\_D7  
 —◇LED\_D0  
 —◇LED\_D1  
 —◇LED\_D2  
 —◇LED\_D3  
 —◇LED\_D4

## OPERATOR CONSOLE CONTROLS & BUFFERS (74HCT541)

Taster für Examine, Deposit, Single-Step, Reset und Tristate-Buspuffer.

- ◇SW\_EXAMINE
- ◇SW\_DEPOSIT
- ◇SW\_STEP
- ◇SW\_RUN\_HALT
- ◇SW\_RESET
- ◇FP\_BUF\_OE\_n
- ◇U\_BUF\_A1
- ◇U\_BUF\_D1

Standard: Acorn Risc PC Eurocard 3U (220x120 mm) • 40-Pin CLACK-BUS  
DEC PDP-11 Stil, 32 C&K Bus-Schalter, 38 LEDs, 74HCT541 Puffer  
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**Title: Slice 3: Blinkenlights Frontpanel & Operator Console**

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