















!! The Footprint is numbered criss cross, in the display datasheet it's not. In the display datasheet: start, top left 1 down to 12 then, right bottom up 13 to 24. So some mapping needs to be done here, if another footprint is inserted here. +3.3V GND +3.3V +3.3V +3.3V DF37NB-24DS-0.4V(51) C49 C46 10n 10n — 10n -BL-LCD ← R50 10k R98 +BL−LCD ← 10k GND DO_PD DO_ND-→DTE CLK_PD-CLK_ND-D1_PD-D1_ND-GND GND GND (Work in progress!) Untested prototype design License: CERN-OHL-P Copyright 2024 Nicolai Electronics Badge.Team Sheet: /Display/ File: display.kicad_sch Title: WHY2025 badge Size: A4 Date: 2024-08-27 Rev: Prototype 2 ld: 10/10 KiCad E.D.A. 8.0.4

