

Display type: FPD LDH102T-33
 Inverter type: INV102-1000 for FPD LDH102T-31
 Cable type: 40860020
 System: 486-586LCD/S, FPUM-1
 Display driver: FPD LDH102T-31
 Status: Verified

| Display (Interface foil) | | CPU (JPLCD) | | Remarks |
|--------------------------|----------|-------------|----------|---------|
| Pin no. | Function | Pin no. | Function | Remarks |
| 1 | VDDSAFE | 1 | VCC | +5V |
| 2 | NC | - | - | |
| 3 | NC | - | - | |
| 4 | NC | - | - | |
| 5 | NC | - | - | |
| 6 | GND | 6 | GND | |
| 7 | NC | - | - | |
| 8 | ENAB | 7 | M | |
| 9 | GND | 9 | GND | |
| 10 | LP | 10 | LP | |
| 11 | FLM | 11 | FLM | |
| 12 | GND | 12 | GND | |
| 13 | SHFCLK | 13 | SHFCLK | |
| 14 | GND | 14 | GND | |
| 15 | NC | - | - | |
| 16 | NC | - | - | |
| 17 | GND | - | - | |
| 18 | NC | - | - | |
| 19 | B3 | 15 | P0 | |
| 20 | GND | 17 | GND | |
| 21 | B4 | 16 | P1 | |
| 22 | B5 | 18 | P2 | |
| 23 | GND | 20 | GND | |
| 24 | B6 | 19 | P3 | |
| 25 | B7 | 21 | P4 | |
| 26 | GND | 23 | GND | |
| 27 | NC | - | - | |
| 28 | NC | - | - | |
| 29 | GND | - | - | |
| 30 | G2 | 22 | P5 | |
| 31 | G3 | 24 | P6 | |
| 32 | GND | 26 | GND | |
| 33 | G4 | 25 | P7 | |
| 34 | G5 | 27 | P8 | |
| 35 | GND | 29 | GND | |
| 36 | G6 | 28 | P9 | |
| 37 | G7 | 30 | P10 | |
| 38 | GND | - | - | |
| 39 | NC | - | - | |
| 40 | NC | - | - | |
| 41 | GND | - | - | |
| 42 | NC | - | - | |
| 43 | R3 | 31 | P11 | |
| 44 | GND | 32 | GND | |
| 45 | R4 | 33 | P12 | |
| 46 | R5 | 34 | P13 | |
| 47 | GND | 35 | GND | |
| 48 | R6 | 36 | P14 | |
| 49 | R7 | 37 | P15 | |
| 50 | GND | 38 | GND | |

Inverter type: INV102-1000 for FPD LDH102T-33

Inverter connections when fixed full brightness:

| Inverter connector | | Remarks | Connect to |
|--------------------|----------|-------------------------------------|----------------------|
| Pin no. | function | | |
| 1 | Vin | min. 11V and max.13 V DC, max 1.3 A | FPUM-1 CON1 pin 1 |
| 2 | GND | | FPUM-1 CON1 pin 2 |
| 3 | Vdim | Dimming, variable: | 0 - 4.5 V |
| | | Dimming, full brightness: | GND (Inverter pin 2) |
| 4 | STDBY | 0V input = no inverter OFF function | GND (Inverter pin 2) |