

Display type: NEC NL10276BC30-04D
Cable no.: not available
System: LVDSTX-2-I or LVDSTX-2-X on 786LCD/S-/MG/3.5 or GX1LCD/S-/3.5
Status: Verified

Settings:

Display driver: NEC NL10276BC30-04D, 5V
LVDSTX-2-I settings: JP1 pos 1-2, JP5 pos 1-2, SW1(1,2,3,4,5,6)= (on,off,off,off,on,off)
LVDSTX-2-X settings: JP1 pos 1-2, JP5 pos 1-2, SW1(1,2,3,4,5,6)= (on,off,off,off,on,on)
J3, 4-pole (FDD) Power Connector used

| Display (20-pole conn.) | | LVDST-2-I | | LVDSTX-2-X | | Remarks |
|-------------------------|----------|-----------|----------|------------|----------|-------------------|
| Pin no. | Function | Pin | Function | Pin | Function | |
| 1 | GND | 2 | GND | 2 | GND | |
| 2 | GND | 2 | GND | 2 | GND | |
| 3 | nc | - | - | - | - | |
| 4 | nc | - | - | - | - | |
| 5 | GND | 2 | GND | 2 | GND | |
| 6 | CK+ | 6 | CLK1+ | 6 | CLK1+ | Twisted pair no 1 |
| 7 | CK- | 18 | CLK1- | 18 | CLK1- | Twisted pair no 1 |
| 8 | GND | 2 | GND | 2 | GND | |
| 9 | D2+ | 5 | A2+ | 5 | A2+ | Twisted pair no 2 |
| 10 | D2- | 17 | A2- | 17 | A2- | Twisted pair no 2 |
| 11 | GND | 26 | GND | 26 | GND | |
| 12 | D1+ | 4 | A1+ | 4 | A1+ | Twisted pair no 3 |
| 13 | D1- | 16 | A1- | 16 | A1- | Twisted pair no 3 |
| 14 | GND | 26 | GND | 26 | GND | |
| 15 | D0+ | 3 | A0+ | 3 | A0+ | Twisted pair no 4 |
| 16 | D0- | 15 | A0- | 15 | A0- | Twisted pair no 4 |
| 17 | GND | 26 | GND | 26 | GND | |
| 18 | GND | 26 | GND | 26 | GND | |
| 19 | VDD1 | 19 | LCDVCC | 19 | LCDVCC | +5V |
| 20 | VDD2 | 19 | LCDVCC | 19 | LCDVCC | +5V |

Optional Signals available for Back Light Inverter:

| Inverter type ? | | LVDST-2-I | | LVDSTX-2-X | | Remarks |
|-----------------|----------|-----------|----------|------------|----------|-----------------|
| Pin no. | Function | Pin | Function | Pin | Function | |
| ? | +12V | 28 | +12V | 28 | GND | |
| ? | +12V | 29 | +12V | - | - | |
| ? | GND | 27 | GNCBKL | 27 | GND | |
| ? | GND | 30 | GNCBKL | - | - | |
| ? | BLKON | 7 | XCOM2 | 7 | XCOM2 | Back Light On * |

* 3.3V signal. JP2 in position 1-2 to select this functionality.