

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	J2 connector	LVDSTX-2-X	J1 connector	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	J2 connector	LVDSTX-2-X	J1 connector	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.