

Display type: NEC NL10276BC12-01  
 Cable no.: not available  
 System: LVDSTX-2-I or LVDSTX-2-X on 786LCD/S-/MG and GX1  
 Status: Verified (not verified on GX1)

Settings:

Display driver: NEC NL10276BC12-01, 3.3V  
 LVDSTX-2-I settings: JP1 pos 1-2, JP5 pos 2-3, SW1(1,2,3,4,5,6)= (on,off,off,off,on,off)  
 LVDSTX-2-X settings: JP1 pos 1-2, JP5 pos 2-3, SW1(1,2,3,4,5,6)= (on,off,off,off,on,on)

**Warning:** Display data sheet DOD-H-7914, page 10/25 indicates pin 1 to 20 in reverse order.

Display (20-pole conn.)		LVDSTX-2-I / 2-X connector J2 / J1		Remarks
Pin no.	Function	Pin	Function	
1	RxIN3+	9	A3+	Twisted pair no 5
2	RxIN3-	21	A3-	Twisted pair no 5
3	DPS	2	GND	H/L => Reverse/Normal
4	86SEL	19	LCDVCC	H/L => 8bit/6bit
5	GND	2	GND	
6	RxCLK+	6	CLK1+	Twisted pair no 4
7	RxCLK-	18	CLK1-	Twisted pair no 4
8	GND	2	GND	
9	RxIN2+	5	A2+	Twisted pair no 3
10	RxIN2-	17	A2-	Twisted pair no 3
11	GND	2	GND	
12	RxIN1+	4	A1+	Twisted pair no 2
13	RxIN1-	16	A1-	Twisted pair no 2
14	GND	26	GND	
15	RxIN0+	3	A0+	Twisted pair no 1
16	RxIN0-	15	A0-	Twisted pair no 1
17	GND	26	GND	
18	GND	26	GND	
19	VCC	19	LCDVCC	+3.3V or +5V
20	VCC	19	LCDVCC	As above