

Display type: Samsung LT150X1-131  
 Cable no.: Not available  
 System: 686LCD  
 Display driver: LQ14X01 p (If 10 m cable then XRC8 – CB = 2A, 05, 00, 31 and FR37=81)  
 Status: Verified

Adapter connector		Cable	PL-cable connector		Remarks
Pin no.	Function	Colour code	Pin	Function	
1	VDD	Brown	1	VCC	+5V
2	VDD	Red	2	VCC	+5V
3	GND	Orange	18	GND	
4	GND	Yellow	19	GND	
5	RX2+	Green	3	TX2+	
6	RX2-	Blue	4	TX2-	
7	GND	Purple	20	GND	
8	RX1+	Grey	5	TX1+	
9	RX1-	White	6	TX1-	
10	GND	Black	21	GND	
11	RX0+	Brown	7	TX0+	
12	RX0-	Red	8	TX0-	
13	GND	Orange	11	GND	
14	RXC-	Yellow	10	TXC-	
15	RXC+	Green	9	TXC+	
16	GND	Blue	12	GND	
17	NC	Purple	-	-	
18	NC	Grey	-	-	
19	GND	White	-	-	
20	GND	Black	-	-	

Inverter connector		Connect to:
Pin no.	Function	
1	NC	
2	Vblbrt	GND, Maximum back light
3	NC	
4	B/L On/Off	PL-cable pin 1, VCC
5	NC	
6	GND	PL-cable pin 18, GND
7	Vinv1	PL-cable pin 1, VCC
8	GND	GND
9	GND	GND
10	Vinv2	+12V (optional PL-cable pin 13)
11	Vinv2	+12V (optional PL-cable pin 14)
12	NC	