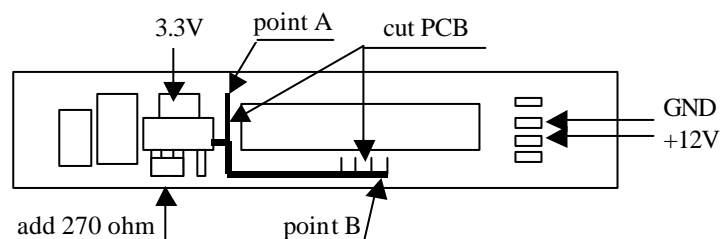


Display type: Goldstar LP141X1
 Cable no.: Not available
 System: 686LCD + Adapter * ADA-LP141X1 (ES&S) + FPUM-3 **
 Display driver: LP141X1
 Status: Verified

Adapter connector		Cable	PL-cable connector		Remarks
Pin no.	Function	Colour code	Pin	Function	
1	+12V	Brown	13	+12V	
2	+12V	Red	14	+12V	
3	GND	Orange	18	GND	
4	GND	Yellow	19	GND	
5	GND	Green	20	GND	
6	GND	Blue	21	GND	
7	GND	Purple	11	GND	
8	GND	Grey	12	GND	
9	PLVCC	White	26	VEE	+5V controlled by FPUM-3
10	PLVCC	Black	26	VEE	+5V controlled by FPUM-3
11	DIVCC	Brown	1	VCC	Fixed +5V
12	DIVCC	Red	2	VCC	Fixed +5V
13	RXC-	Orange	10	TXC-	
14	RXC+	Yellow	9	TXC+	
15	RX0-	Green	8	TX0-	
16	RX0+	Blue	7	TX0+	
17	RX1-	Purple	6	TX1-	
18	RX1+	Grey	5	TX1+	
19	RX2-	White	4	TX2-	
20	RX2+	Black	3	TX2+	

Inverter connector		Cable	Connected to
Pin no.	Function	Colour code	
1	Vin	Red	Adapter ADA-LP141X1, +12V
2	Vin	Red	Adapter ADA-LP141X1, +12V
3	GND	Black	Adapter ADA-LP141X1, GND
4	GND	Black	Adapter ADA-LP141X1, GND
5	Sleep	Orange	Adapter ADA-LP141X1, 3.3V (controlled as DIVCC)
6	BLBRT	Green	Pot. pin 2 (centre)
7	AGND	White	Pot. pin 1
8	VREF	Purple	Pot. pin 3

* Adapter is modified:



Connect point A and B by wire

** FPUM-3 modified: R7 shorted, R4 connected to LCDADPT pin 8 instead of pin 9.

