



**Part list:**

- J1: 40-pole connector Don Connex A32-40-C-G-B-1
- J2: 30-pole connector FAE FI-E30S mate + 30 pieces Crimp terminals for J2
- Cable: 1500mm 2x20 twisted pair flat cable Amphenol Spectra Strip 125-3007-040.
- HST: 3 pieces of Heat Shrinkable Tube.
- Switch: PCB containing Switch circuit for V<sub>DD</sub>

Display (30-pole conn.)		40-pole connector (LVDS cable)		Remarks
Pin no.	Function	Pin	Function	
1	RxInO0-	17	A0-	Pair no 1
2	RxInO0+	18	A0+	Pair no 1
3	RxInO1-	19	A1-	Pair no 2
4	RxInO1+	20	A1+	Pair no 2
5	RxInO2-	21	A2-	Pair no 3
6	RxInO2+	22	A2+	Pair no 3
7	RxInOCLK-	23	CLK1-	Pair no 4
8	RxInOCLK+	24	CLK1+	Pair no 4
9	RxInO3-	25	A3-	Pair no 5
10	RxInO3+	26	A3+	Pair no 5
11	RxInE0-	29	A4-	Pair no 6
12	RxInE0+	30	A4+	Pair no 6
13	RxInE1-	31	A5-	Pair no 7
14	RxInE1+	32	A5+	Pair no 7
15	RxInE2-	33	A6-	Pair no 8
16	RxInE2+	34	A6+	Pair no 8
17	RxInECLK-	35	CLK2-	Pair no 9
18	RxInECLK+	36	CLK2+	Pair no 9
19	RxInE3-	37	A7-	Pair no 10
20	RxInE3+	38	A7+	Pair no 10
21	GND	6, 8, 16, 27, 28, 39, 40	GND	Connect to Switch circuit GND
22	GND	6, 8, 16, 27, 28, 39, 40	GND	Connect to Switch circuit GND
23	GND	6, 8, 16, 27, 28, 39, 40	GND	Connect to Switch circuit GND
24	GND	6, 8, 16, 27, 28, 39, 40	GND	Connect to Switch circuit GND
25	GND	6, 8, 16, 27, 28, 39, 40	GND	Connect to Switch circuit GND
26	V <sub>DD</sub>	-	-	Connect to Switch circuit V <sub>DD</sub>
27	V <sub>DD</sub>	-	-	Connect to Switch circuit V <sub>DD</sub>
28	V <sub>DD</sub>	-	-	Connect to Switch circuit V <sub>DD</sub>
29	V <sub>DD</sub>	-	-	Connect to Switch circuit V <sub>DD</sub>
30	V <sub>DD</sub>	-	-	Connect to Switch circuit V <sub>DD</sub>

Note: J1 Unused wire 7 in a HST (Heat Shrinkable Tube). Unused wires 11 and 12 in HST.

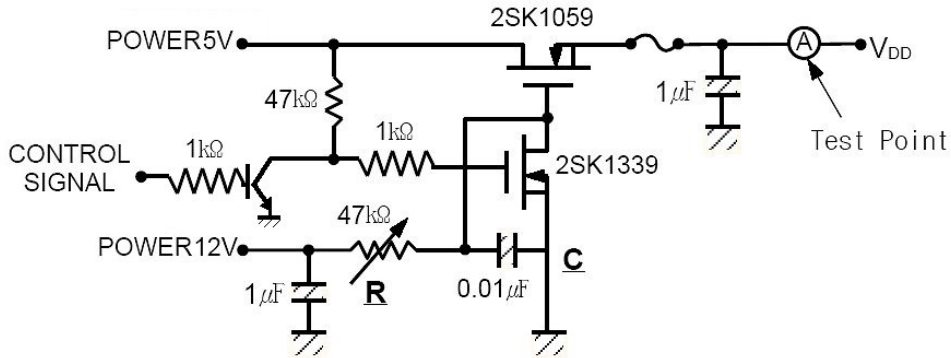
Display (30-pole conn.)		40-pole connector		Remarks
Pin no.	Function	Pin	Function	
1	D 24V	-	-	
2	D 24V	-	-	
3	D 24V	-	-	
4	D 24V	-	-	
5	D 24V	-	-	
6	GND	-	-	
7	GND	-	-	
8	GND	-	-	
9	GND	-	-	
10	GND	-	-	
11	NC	-	-	No Connection
12	Inverter Enable	15	BKLTEN#	(2.4-5V)/(0.8 -0V) => On/Off
13	ADIM	15	BKLTEN#	Analogue dimming
14	PDIM	13	BKLTCTL	PWM dimming

Note: If Inverter is controlled by 886LCD-M via LVDS connector then PC Power Supply ground and Inverter Power Supply ground shall be connected.

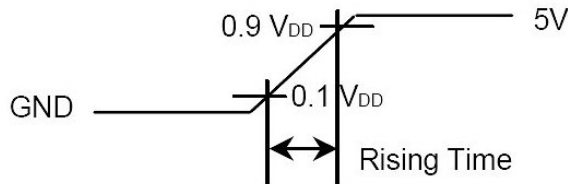


**Switch circuit:**

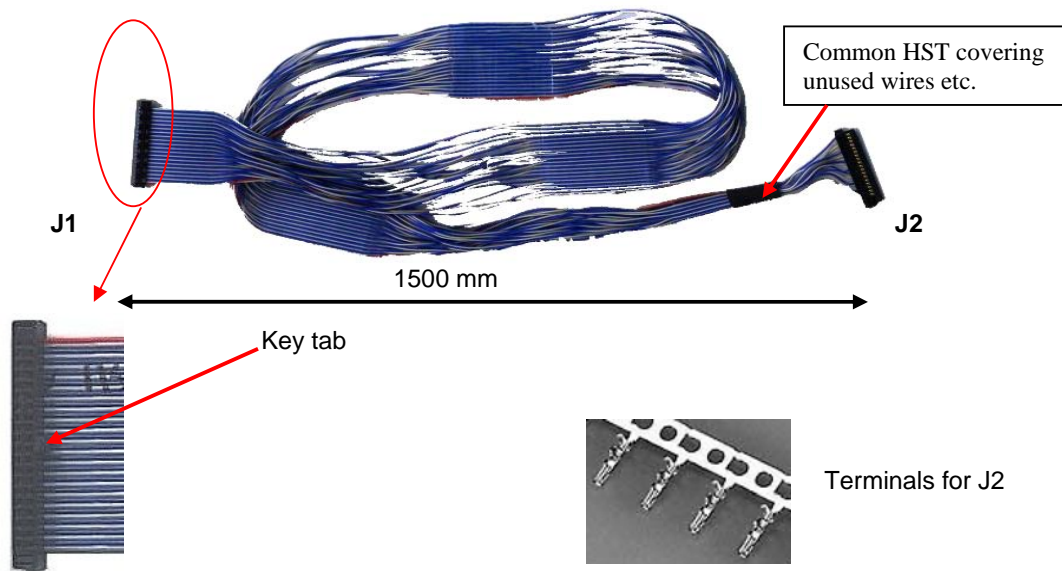
- Connect POWER5V to +5V power supply
- Connect POWER12V to LVDS cable wire 1 - 5
- Ground GND to GND of +5V power supply and to LVDS cable wire 6, 8, 16, 27, 28, 39 and 40
- Connect CONTROL SIGNAL to LVDS cable wire 14 "VDD ENABLE"
- Connect V<sub>DD</sub> to display connector pin 26 - 30



The rising time of supplied voltage is controlled to 470us by R and C value.



Note: The 2SK1059 can be replaced with 2 pieces of MTP3055V working in parallel and the 2SK1339 can be replaced with a MTP3055V.



Note: The above picture does not show the exact cable kit: Switch circuit is not shown and the cable is not really having the specified length.