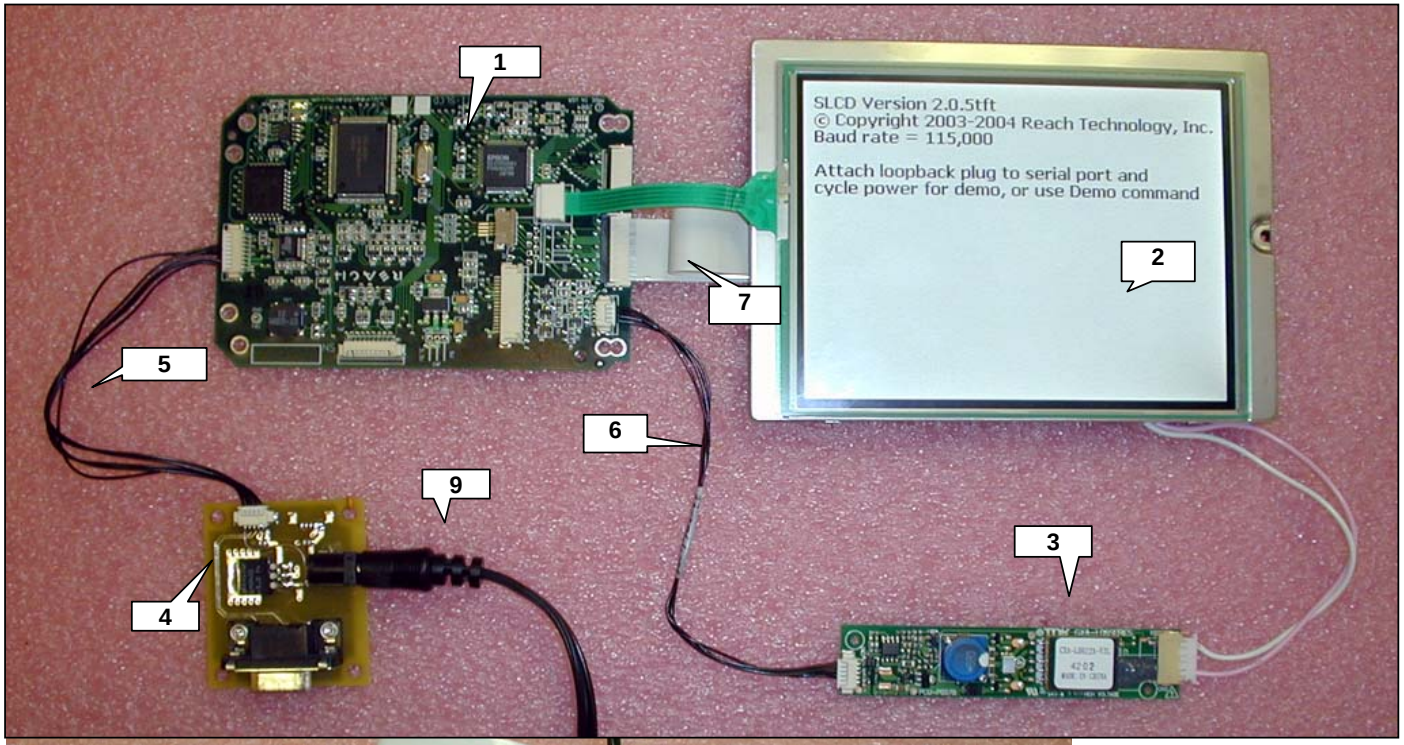
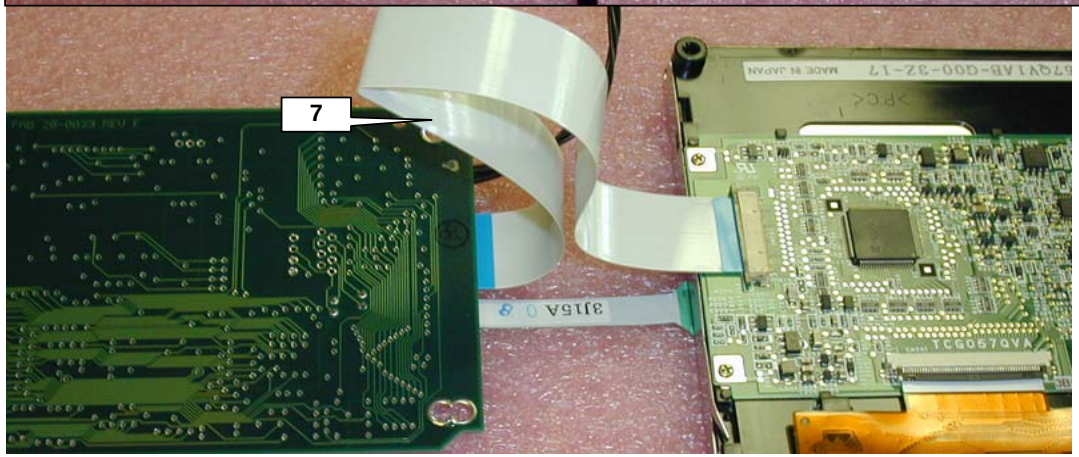
SLCD Rev F Demo kit Bill Of Materials for Kyocera TFT color panel TCG057QV1AB-G00

Version 1.0 **Revision 1.0** **5/11/2004**

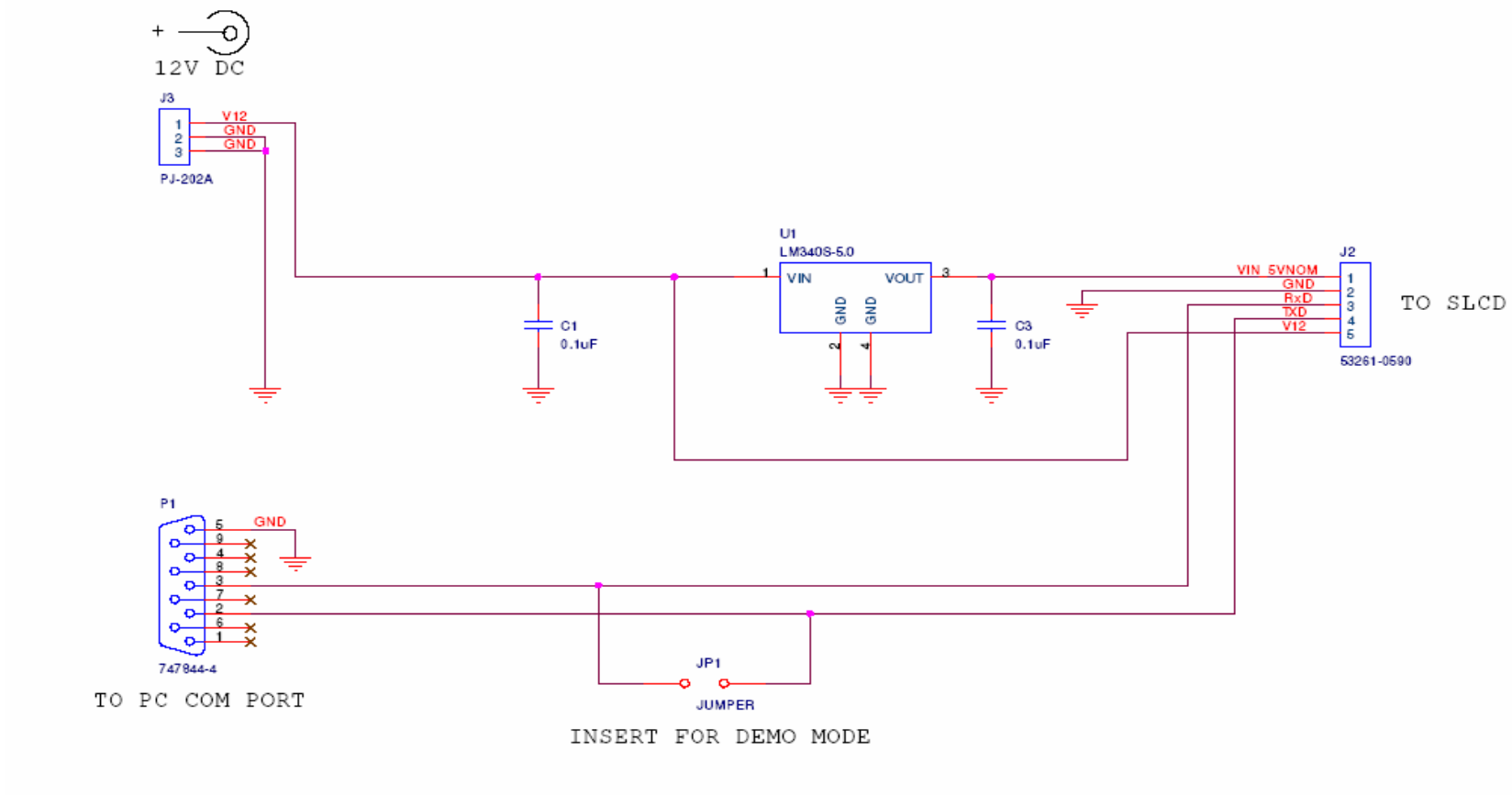
Item	Desc.	Supplier	Doc'n
1	Reach SLCD board “RTI-SLCD” Rev F/1	Reach	Manual pdf
2	Kyocera TCG057QV1AB-G00 LCD with touch	Kyocera / All American	Datasheet pdf
3	Backlight inverter TDK CXA-L0612A-VJL	TDK / All American	Datasheet pdf
4	PowerCom board with DB9 connector	Reach - see PowerCom worksheet	
5	PowerCom to SLCD cable P/N 23-0064-06	Reach - see SLCD cable worksheet	
6	SLCD to inverter cable P/N 23-0066-06	Reach - see Inverter cable worksheet	
7	33 pin Flat Flex cable approximately 6"	Digikey WM10218-ND	
8	Grounding wire and hardware (2 4-40 screw and nuts) (not shown)	10" wire with stripped ends plus 2 1/4" 4-40 screw plus 2 4-40 nut	
9	AC-DC 12V 0.5A or greater output “universal” power supply.	T853-P5P Digikey	
10	CD-ROM (not shown)	See CDROM spreadsheet	

KIT ASSEMBLY PICTURE: PLEASE ASSEMBLE IN A STATIC-FREE ENVIRONMENT





Rev A PowerCom board schematic

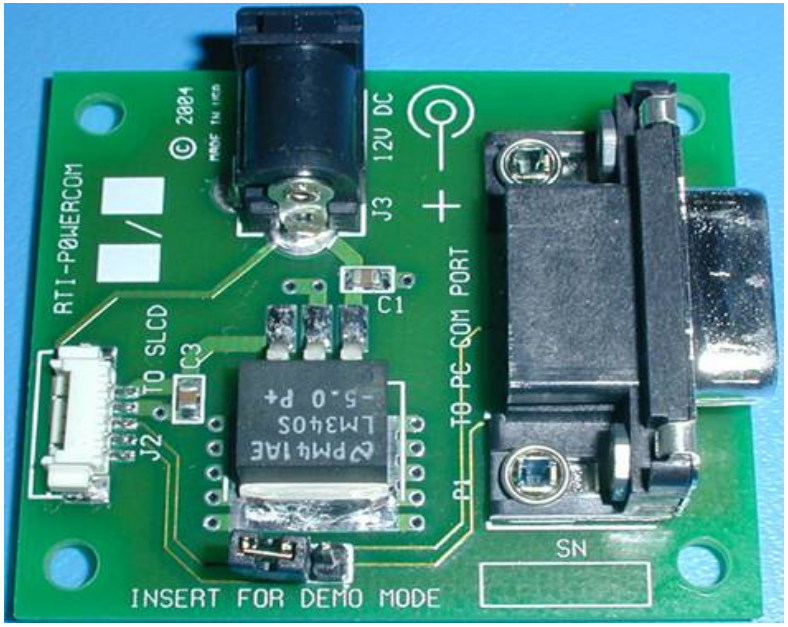


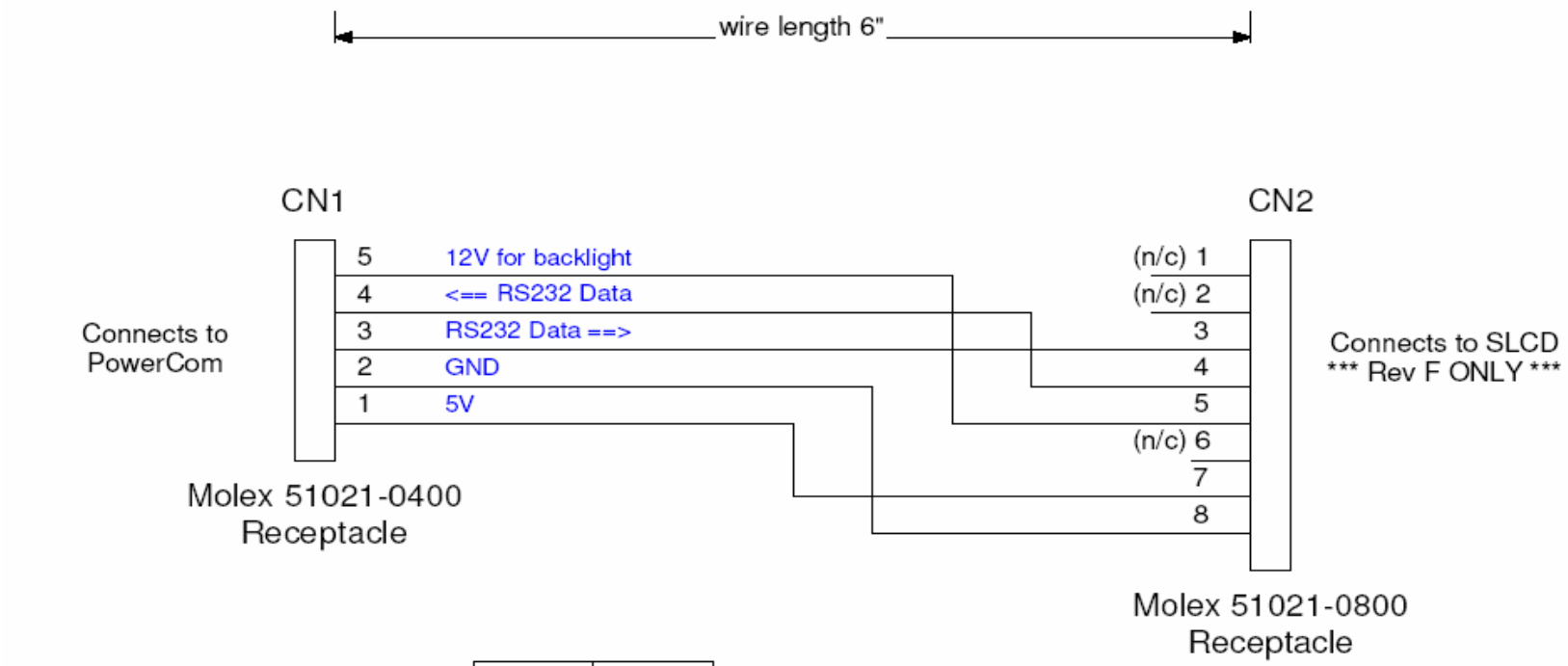
Notes:

1. The connector P1 is a DB9 female that has pinout compatible with the IBM 9 pin serial port. Use a male-female 1-1 cable. When connecting to a PC, remember to remove jumper JP1.

2. The jumper JP1 loops back transmit and receive data. If the SLCD detects this loopback on power-up it automatically goes into "demo" mode. Note that for the demo to run properly, the demo bitmaps must be loaded.

Rev A PowerCom board picture

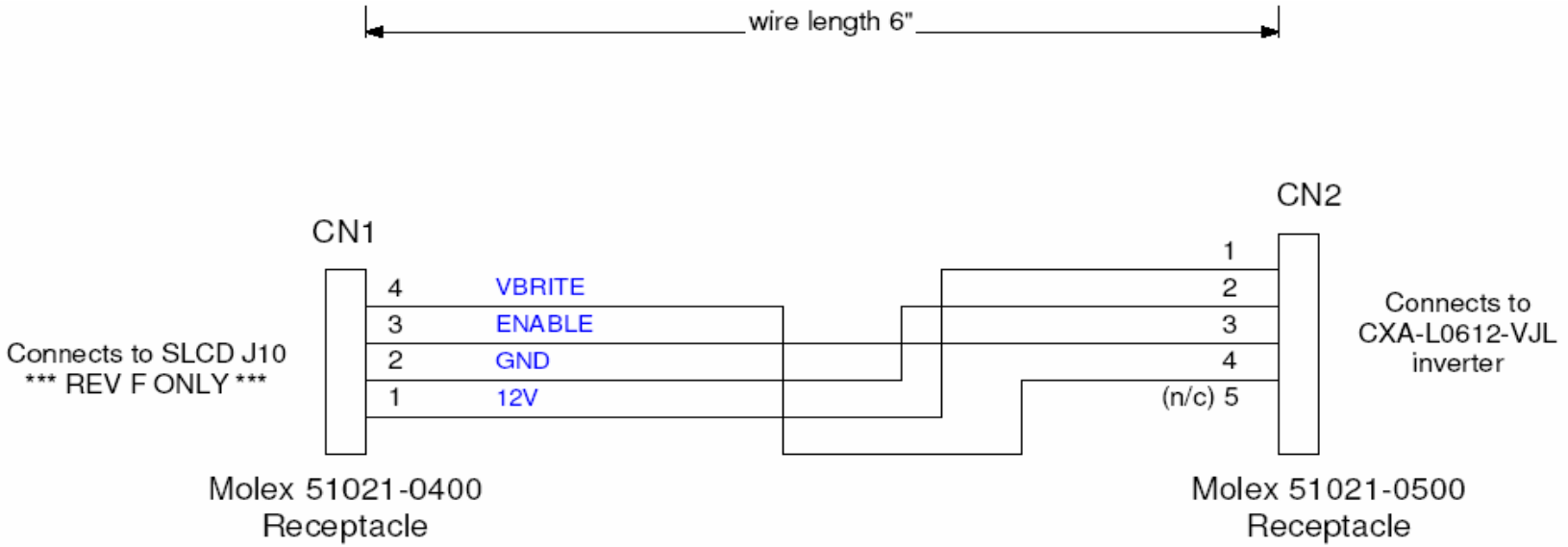




CN1	CN2
Pin 1	Pin 7
Pin 2	Pin 8
Pin 3	Pin 3
Pin 4	Pin 4
Pin 5	Pin 5

All wires 28ga UL 1061

Reach P/N 23-0064-06 PowerCom Cable



CN1	CN2
Pin 1	Pin 1
Pin 2	Pin 2
Pin 3	Pin 3
Pin 4	Pin 4

All wires 28ga UL 1061

Reach SLCD REV F ONLY demo unit inverter cable 23-0066-06

CD-ROM CONTENTS:

1. SLCD Manual
2. BMPload program (.exe)
3. BMP files used for demo (pre-loaded) and corresponding .lst file for use with BMPload
4. Assembly instructions and pictures
5. Data Sheets on Panel, inverter