Introduction

The MPP50 Hardware Kit supports the IP Module for the CDM-570L modem. The Kit can be installed at the factory or added as a field-installed upgrade to CDM-570L modems currently deployed.

Kit Contents

Upgrade Kit Part Number KT/10922

HW/SEM440X1/4PH	4 each	4-40X1/4 SQ CONE PAN HD PHIL SS
PL/10235-1	1 each	MODEM PACKET PROCESSOR 8250 (PL/10235-2 IS OPTIONAL BOARD)
PL/10235-2	1 each	MPP50 MODEM PACKET PROCESSOR 8250
PL/9396-1	1 each	Cable – RJ11 to 9 Pin DSUB
Installation instructions	1 each	

⚠ **CAUTION** **Observe all normal precautions for handling electrostatic-sensitive devices.**

⚠ **CAUTION** **Ensure the pins are exactly aligned when placing the MPP50 board**

Figure 1. MPP50 properly installed in the CDM-570L modem (full view of inside of chassis)

Install MPP50 Kit

1. Disconnect the AC power to the unit.
2. Remove the top screws on the top of the modem.
3. Lift off top cover.
4. Place the MPP50 board in position as shown in
5. Figure **5**, with the connector slots lined up with the holes on the rear panel.
6. **It is imperative to perform visual inspection of the alignment of the board to ensure the pins on the MPP50 are perfectly aligned with the female header. Allow time to ensure the pins are perfectly aligned.**

> ⚠️ **WARNING**
>
> **Improper alignment of even one pin on the MPP50 will result in damage to the modem on power up.**.

7. Replace the Top Cover. Re-install the top screws.
8. Turn on the AC power to the modem. Modem will re-initialize.

Firmware Flash Upgrade

1. Refer to FW/10875 Release Notes for FW/10805 compatibility.
2. Go to **www.comtechefdata.com**
3. Click on: Downloads
4. Click on : Flash Upgrades

MPP50 Board will be installed in this area.

Ensure pins align exactly with female header when installing MPP50 board.

Figure 2

CAUTION

Align pins to fit exactly into female
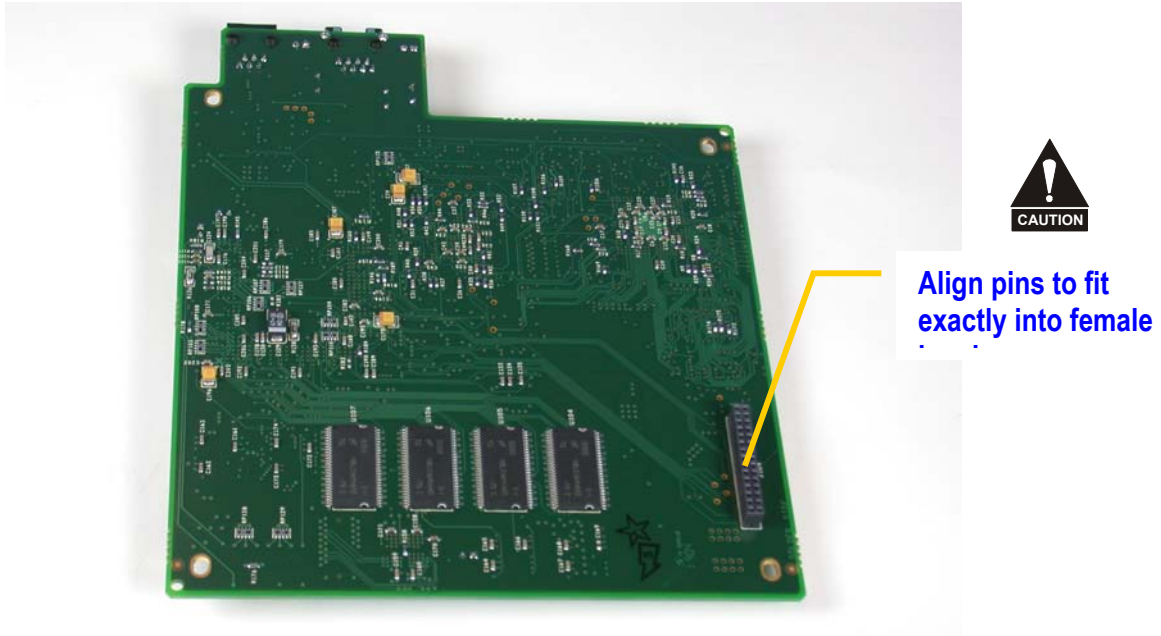
Figure 3

Ensure connections fit properly through slots in rear panel

Install screws in four places to secure board.
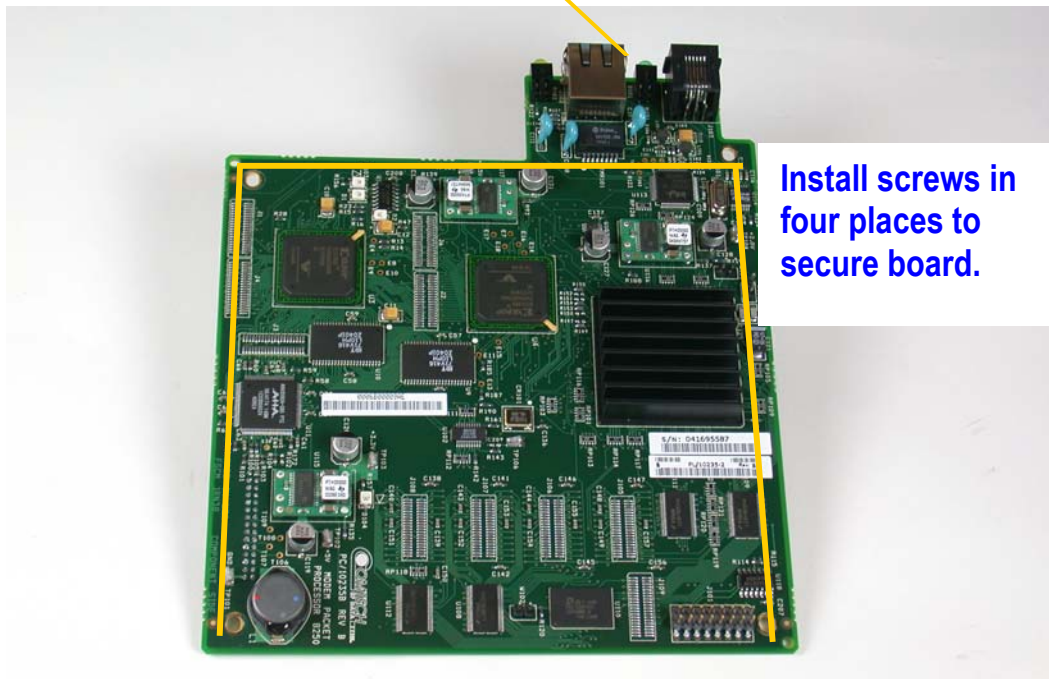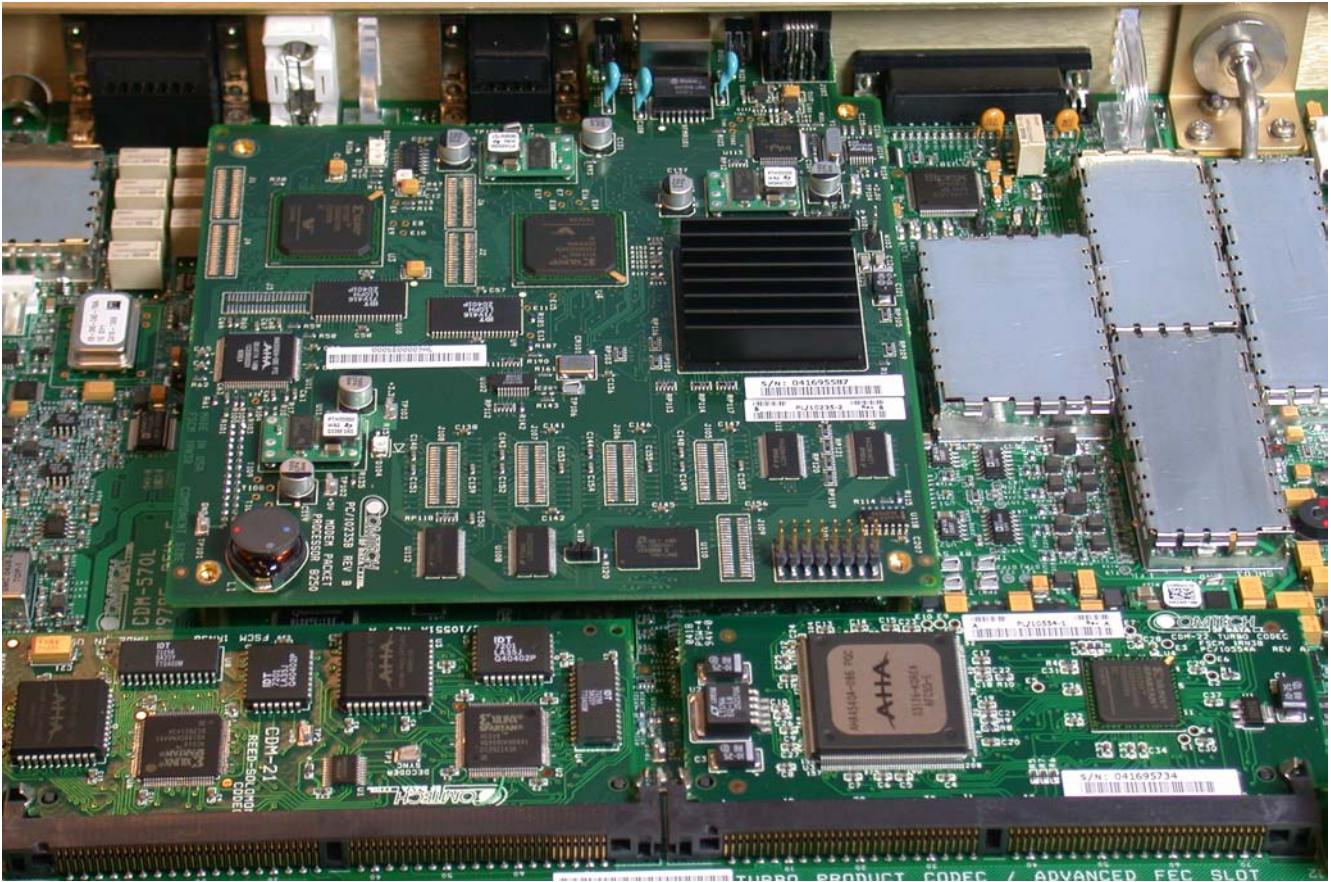
Figure 4

Figure 5. MPP50 board properly installed in the CDM-570L Modem

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