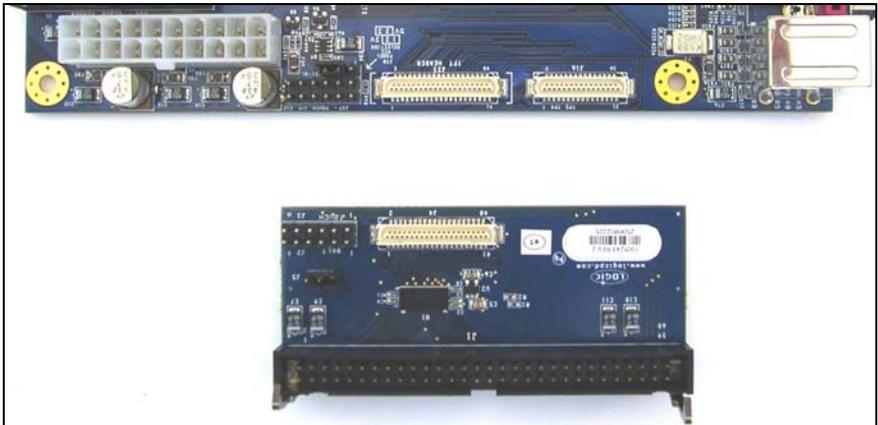


## Geode LX LCD Adaptor Board QuickStart Guide

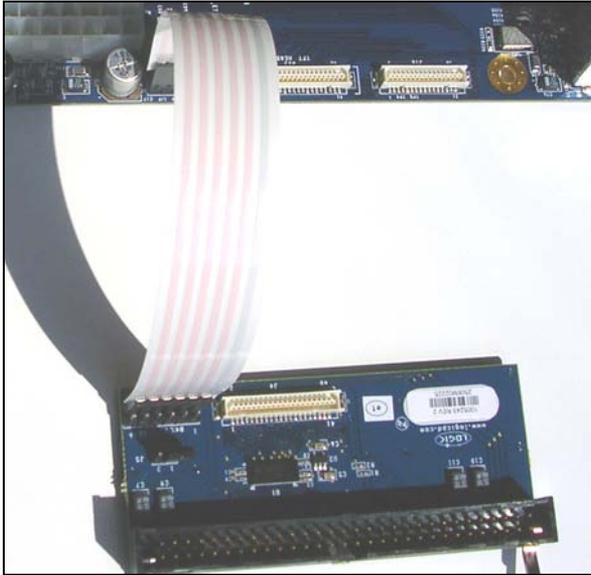
Before using the LCD adaptor board, the BIOS settings for the Geode LX must be set to drive the LCD signals. Because procedures for altering BIOS settings differ between vendors, please check with your BIOS vendor for specific instructions on how to make this change.

1. Align the boards such that the TFT headers and touch/backlight header pins face one another (see Figure 1).



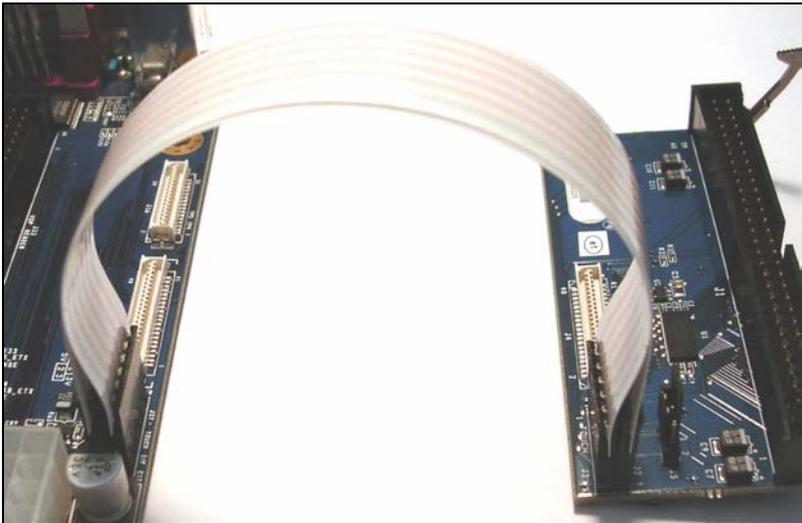
**Figure 1 — Align boards**

2. The silk screens of both boards are labeled to designate which 6-pin header is for touch and which is for backlight. Connect one of the 6-pin ribbon cables to the header pins labeled “TOUCH” (designator J37) on the LX mini-ITX baseboard and connect the other end of the cable to the row of pins labeled “TOUCH” (J3) on the LCD adaptor board (see Figure 2).



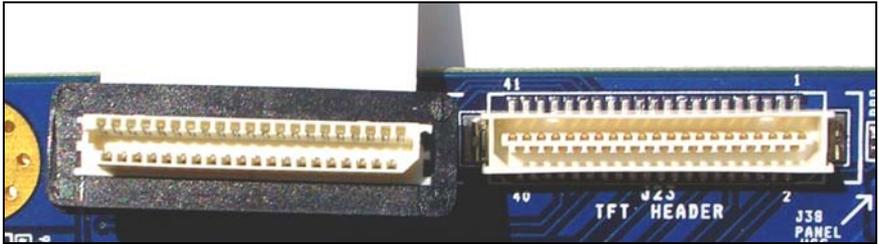
**Figure 2 — Connect 6-pin ribbon cable**

3. In the same manner, connect the other 6-pin ribbon cable to the backlight header pins (J31) on the LX mini-ITX baseboard and to the appropriate header pins (J2) on the LCD adaptor board. When connected properly, the two cables should lay one on top of the other and not cross at any point (see Figure 3).

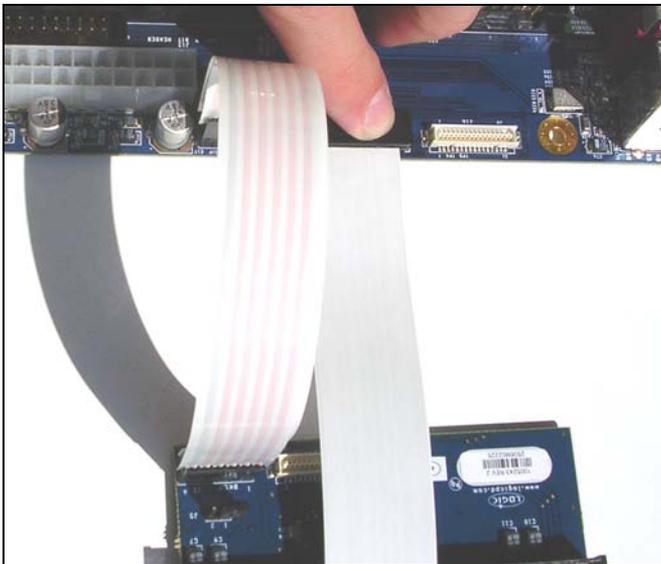


**Figure 3 — View of touch and backlight cables properly inserted**

4. The ribbon cable to connect the TFT headers is keyed such that it can only be inserted in one direction (see Figure 4.1). Connect the cable to the header labeled “TFT HEADER” (J23) on the LX mini-ITX baseboard by pressing straight down on the connector (see Figure 4.2). In the same manner, connect the other end of the cable to the TFT header (J4) on the LCD adaptor board.



**Figure 4.1 — Keyed connectors only fit in one direction**



**Figure 4.2 — Connect the TFT ribbon cable**



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