

PROM Installation Guide

Lynx System Supervisor

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- Optional
- Recommended
- Mandatory

DATE: 04/17/18
MODEL: Lynx System Supervisor Unit (SSU)
REVISION: All
SERIAL NO: All
SOFTWARE: Main PROM U61
Timing Generator PROM U21
Tributary Port PROM U45

REQUIRED TOOLS:

Static safe workstation IC Extractor/Insertor or
Grounding wrist strap small slotted screwdriver
Phillips screwdriver

REQUIRED PARTS:

Software Information Sheet
Replacement PROMs from TimeLine

DESCRIPTION:

There are three PROMs in the SSU. A software upgrade may require replacement of one or all of the PROMs. Replace all of the PROMs that were shipped to you.

PROCEDURE:

1. Turn off the power to the SSU. Disconnect all cables.
2. Place the SSU on a static safe work-station. Ground yourself and the workstation anti-static mat.
3. Remove the 8 phillips screws holding the top cover to the chassis. Remove the top cover.
4. Locate the SSU PROMs, U21, U45 and U61. Verify the version numbers and replace the appropriate PROMs with those included in the Upgrade kit.

Insert the new PROMs. Be careful to correctly align pin one and properly seat each PROM.

Figure 1. Remove the Top Cover

PROCEDURE continued:

WARNING

Use an IC inserter to remove U21, U45 and U61. If one is not available, use a small slotted screwdriver. Insert the screwdriver under the PROMs, twist slightly and gently lift up. Inserting the screwdriver incorrectly could damage surrounding components.



Figure 2. PROM and Jumper Location

5. Note the PROM size marked on the label and then check Jumpers JP3, JP6 and JP9. If necessary, move jumper location to the correct position.
6. Replace the top cover. Insert and tighten the 8 screws. Reconnect the cables and turn on the power. The SSU will automatically detect the new software version.