



NOTIFIER[®]

12 Clintonville Road, Northford, CT 06472-1610 USA

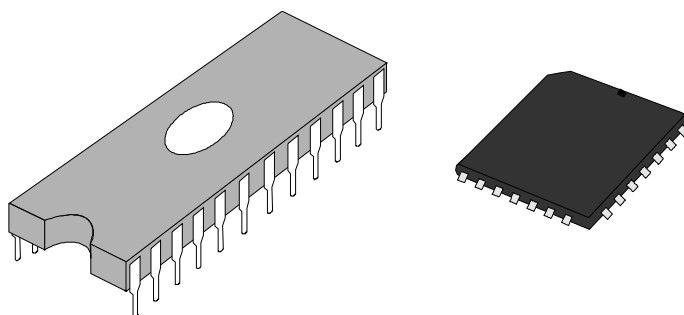
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www.notifier.com

NOTIFIER is a Honeywell company

Field Change Procedure

for the Notifier
AM2020/AFP-1010, AFP-200, and AFP-300/400
Fire Alarm Control Panels,
NOTI•FIRE•NET™ and Peripherals



Software (ROM) Upgrade

This procedure outlines the mechanical installation steps required to install AROM(n), NROM(n)-MET, ROM(n)-SCS, ROM(n)-TPI, NROM(n), VROM-(n), VRAM-1 and XRAM-1 chips in AM2020, AFP1010, AFP-200, AFP-300/400, TPI-232, MET-1, NAM-232, RFX, **NOTI•FIRE•NET™** and XP Transponder system boards.

CAUTION

System Reacceptance Testing after Software Changes - To insure proper system operation, this product must be tested in accordance with NFPA-72 requirements.

The requirements for "Changes to all control units connected or controlled by the system executive software" include a 10-percent functional test of the system, which includes a test of at least one device on each input and output circuit to verify critical system functions such as notification appliances, control functions, and off-premises reporting.

Installation Guidelines

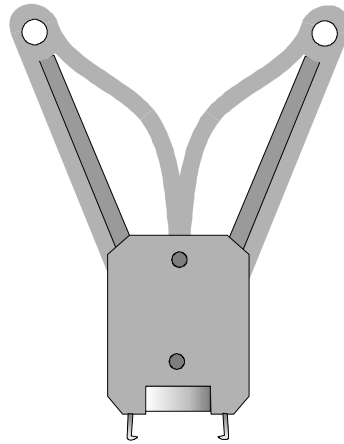
Handling Precautions for Integrated Circuits

Static electricity can destroy Integrated Circuits (ICs)!

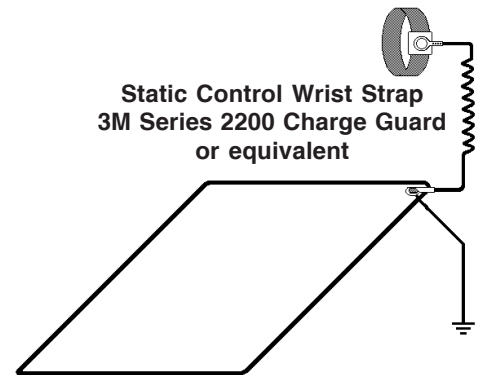
To prevent damage to the ROMs being changed in this procedure, a wrist strap and a static-free IC insertion/extraction tool is highly recommended. Notifier cannot be responsible for damage to ROMs or other integrated circuitry in the system as a result of improper handling techniques. Always keep ROMs on a static-free mat or surface.



**Static-Free IC
Insertion/Extraction Tool**
(select size & type suitable for use with
the IC(s) which require extraction)



**Static-Free PLCC
Extraction Tool**
(select size & type suitable for use with
the PLCCs which require extraction)



Static Control Wrist Strap
3M Series 2200 Charge Guard
or equivalent

Static-Dissipative Work Surface
3M Series 8300 Charge Guard
(or equivalent)
connected to Earth Ground

System Power Sources

Always remove primary and secondary power before working on the system!

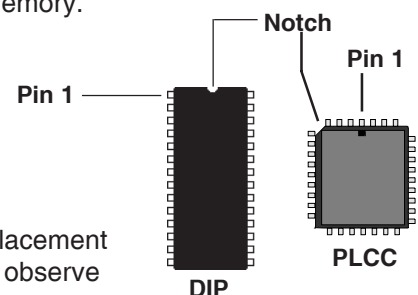
- 1) Disconnect battery backup power first by removing the Battery Interconnect Cable.
- 2) Proceed by disconnecting AC power to the panel at the main service circuit breaker (not the circuit breaker at the fire alarm control panel's power supply).
- 3) Wait 60 seconds to allow for capacitive discharge before touching any of the system's components.
- 4) Reverse the procedure for powering up the system — AC first, then batteries.

WARNING! Failure to follow this procedure can result in a loss of program memory.

Integrated Circuit Pin Convention

Observe proper orientation of any IC removed or installed!

Note location of pin 1 with respect to the notch in the body of the IC. The replacement ROM must be installed in the same manner as the ROM removed. Failure to observe this orientation will result in destruction of the ROM.



AM2020/AFP1010 ROM Replacement

Compatibility Warning

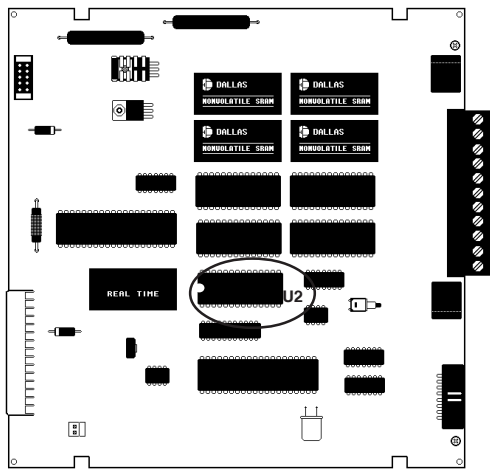
To ensure complete compatibility between AM2020, AFP1010 boards and **NOTI•FIRE•NET™** system boards, all ROMs in the system(s) must be changed at the same time. The control panel will not function properly with a mix of ROMs from different software levels. In addition, all ROMs from the same software level are not necessarily compatible. They must comprise a valid software combination. Consult the factory to determine whether or not your particular software part numbers will function as a group. The affected ROMs are listed in the table below.

| ROM(n) | |
|----------------|---|
| ROM | Board(s) |
| A1ROM(n)-CPU | CPU-2 Central Processor Unit |
| A1ROM(n)-DIA | DIA-2 Display Interface Assembly |
| A1ROM(n)-DIA | DIA-1010 Display Interface Assembly |
| AROM(n)-AMG | AMG-1 Audio Message Generator |
| AROM(n)-AMGX4 | AMG-1 Audio Message Generator |
| AROM(n)-AMGZC | AMG-1 Audio Message Generator |
| AROM(n)-AMGZCF | AMG-1 Audio Message Generator |
| AROM(n)-CPU | CPU-2020 Central Processor Unit |
| AROM(n)-DIA | DIA-1 Display Interface Assembly |
| AROM(n)-DIA | DIA-2020 Display Interface Assembly |
| AROM(n)-LCD | LCD-80 Liquid Crystal Display |
| AROM(n)-LIB | LIB-200 Loop Interface Board |
| AROM(n)-LIB2 | LIB-400/LIB-200A Loop Interface Board |
| AROM(n)-NIB | NIB-96 Network Interface Board |
| AROM(n)-SIB | SIB-2048/SIB-2048A/SIB-NET Serial Interface Board (not the SIB-64 or SIB-232) |
| AROM(n)-TPI | TPI-232 Telephone Panel Interface |
| AROM(n)-UZC | UZC-256 Universal Zone Coder |
| AROM(n)-XPP | XPP-1 Transponder Processor Module |
| N1ROM-(n) | DIA-1010, CPU-2 and SIB-NET for NOTI•FIRE•NET™ |
| NROM-(n) | DIA-2020, CPU-2020 and SIB-NET for NOTI•FIRE•NET™ |
| NROM-INA(n) | INA Intelligent Network Annunciator for NOTI•FIRE•NET™ |
| NROM(n)-MET | MET-1 Media Evaluation Tool for NOTI•FIRE•NET™ |
| NROM-NAM(n) | AFP-200 FACP and NAM-232 Network Adapter Module |
| NROMC-NAM(n) | AFP-200 FACP and NAM-232 Network Adapter Module |
| ROM(n)-NCM | NCM and NCS-NCM |
| ROM(n)-RFX | RFX Wireless Interface |
| ROM(n)-SCS | SCS-8/SCS-8L Smoke Control Station |

Note: The (n) corresponds to a specific revision level of software. For example, AROM6-CPU is a CPU-2020 ROM containing Revision Level 6 software.

ROM Installation

- 1) Disconnect secondary (DC) power.
- 2) Disconnect primary (AC) power. **CAUTION! Remove AC power at the main service circuit breaker (not the circuit on the Main Power Supply) or all the programming information may be lost!**
- 3) Replace each ROM as outlined in the respective sections.
- 4) Connect primary (AC) power.
- 5) Connect secondary (DC) power.
- 6) After all replacement ROMs have been installed, the entire system must be completely tested. **Note:** With the exception of new features, replacing the ROMs does not usually require re-entry of the system application program.
- 7) Please place all ROMs removed from the system into the static-protected boxes (provided with the replacement ROMs) and return them to the following address: **ATTN: Software Engineering, Notifier, 12 Clintonville Road, Northford, Connecticut 06472-1653.**

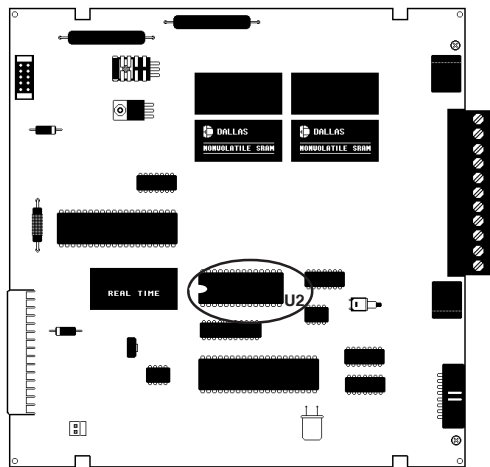


CPU-200 Central Processing Unit

AROM(n)-CPU / NROM (n) for CPU-200

- Open the Display Interface Assembly (DIA) door.
- Using an IC insertion/extraction tool, carefully remove **ROM U2** from the CPU-200 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U2** on the CPU-200.
- Close the DIA door.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

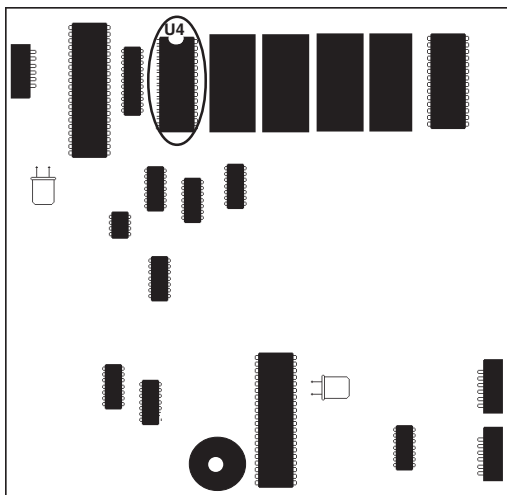


CPU-2 Central Processing Unit

A1ROM(n)-CPU / N1ROM-(n) for CPU-2

- Open the Display Interface Assembly (DIA) door.
- Using an IC insertion/extraction tool, carefully remove **ROM U2** from the CPU-2 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U2** on the CPU-2.
- Close the DIA door.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.



DIA-1 Display Interface Assembly

AROM(n)-DIA for DIA-1

- Open the Display Interface Assembly (DIA-1) door. Disconnect all cables to the DIA-1.
- Remove the five screws that fasten the circuit board to the door. Remove the DIA-1 board and place it on an antistatic surface.
- Using an IC insertion/extraction tool, carefully remove **ROM U4** from the board and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the **replacement ROM** into the socket for **U4** on the DIA-1.
- Install the circuit board on the DIA-1 door. Connect the cables from the CPU-200 (and a SIB if installed) to the DIA-1.
- Close the DIA-1 door.

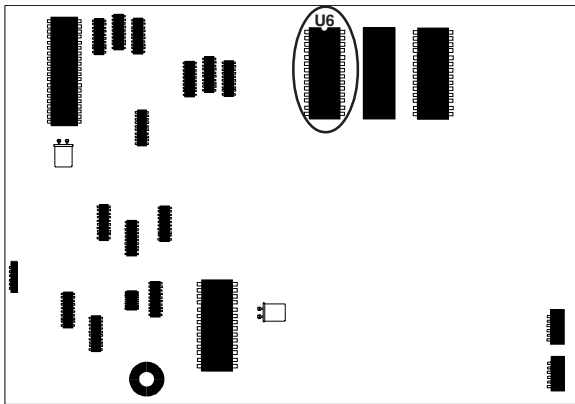
WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.



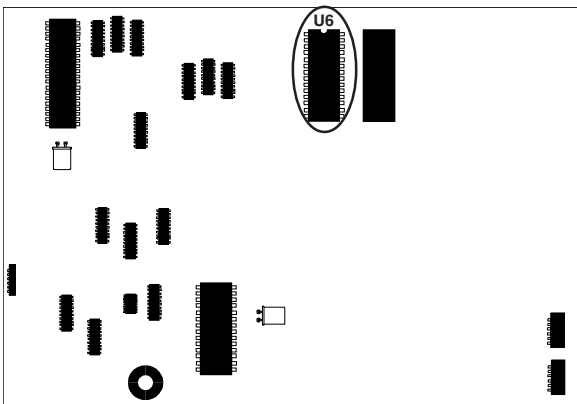
Honeywell



DIA-2 Display Interface Assembly



DIA-2020 Display Interface Assembly



DIA-1010 Display Interface Assembly

A1ROM(n)-DIA for DIA-2

- Open the Display Interface Assembly (DIA-2) door. Disconnect all cables to the DIA-2.
- Remove the five screws that fasten the circuit board to the door. Remove the DIA-2 board and place it on an antistatic surface.
- Using an IC insertion/extraction tool, carefully remove **ROM U4** from the board and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U4** on the DIA-2.
- Install the circuit board on the DIA-2 door. Connect the cables from the CPU-2 (and a SIB if installed) to the DIA-2.
- Close the DIA-2 door.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

AROM(n)-DIA / NROM-(n) for DIA-2020

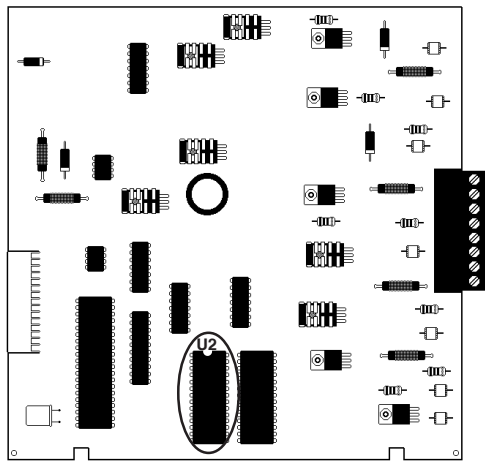
- Open the Display Interface Assembly (DIA-2020) door. Disconnect all cables to the DIA-2020.
- Remove the six screws that fasten the circuit board to the door. Remove the DIA-2020 board and place it on an antistatic surface.
- Using an IC insertion/extraction tool, carefully remove **ROM U6** from the board and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U6** on the DIA-2020.
- Install the circuit board on the DIA-2020 door. Connect the cables from the CPU-2020 (and a SIB if installed) to the DIA-2020.
- Close the DIA-2020 door.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

A1ROM(n)-DIA / N1ROM-(n) for DIA-1010

- Open the Display Interface Assembly (DIA-1010) door. Disconnect all cables to the DIA-1010.
- Remove the six screws that fasten the circuit board to the door. Remove the DIA-1010 board and place it on an antistatic surface.
- Using an IC insertion/extraction tool, carefully remove **ROM U6** from the board and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U6** on the DIA-1010.
- Install the circuit board on the DIA-1010 door. Connect the cables from the CPU-2 (and a SIB if installed) to the DIA-1010.
- Close the DIA-1010 door.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

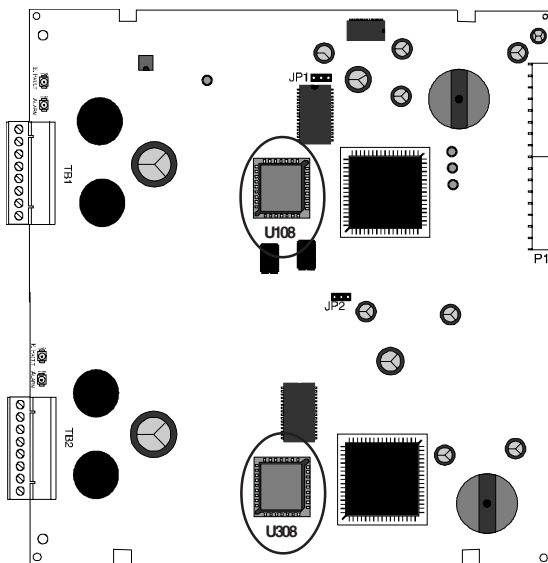


LIB-200 Loop Interface Board

AROM(n)-LIB / NROM-(n) / N1ROM-(n) for LIB-200

- Remove a LIB-200 from the system and place it on an antistatic surface.
- Using an IC insertion/extraction tool, carefully remove **ROM U2** from the LIB-200 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U2** on the LIB-200.
- Install the LIB-200 in the system.
- Repeat steps for each LIB-200 in the system.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

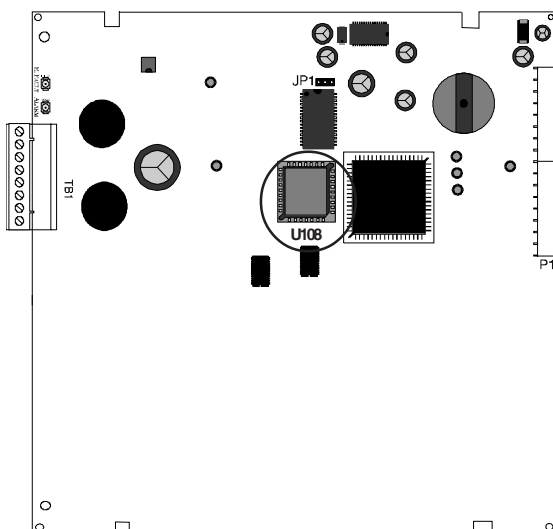


LIB-400 Loop Interface Board

AROM(n)-LIB2 for LIB-400

- Remove the LIB-400 from the system and place it on an antistatic surface.
- Using a Plastic Leaded Chip Carrier (PLCC) extraction tool, carefully remove **ROM U108 and U308** from the LIB and place them on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROMs** into the sockets for **U108 and U308** on the LIB.
- Install the LIB in the system.
- Repeat steps for each LIB-400 in the system.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

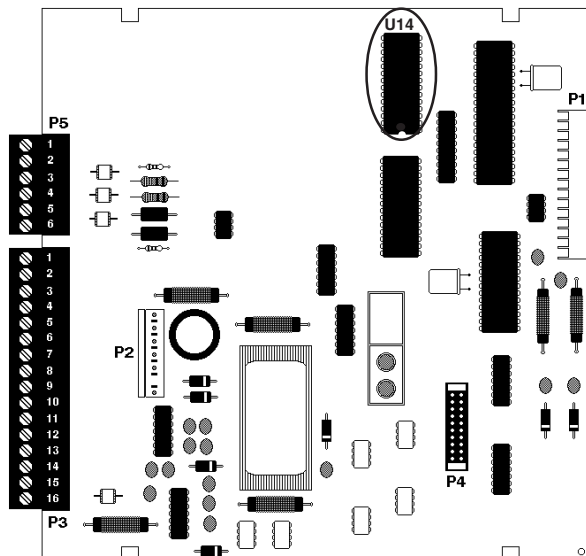


LIB-200A Loop Interface Board

AROM(n)-LIB2 for LIB-200A

- Remove the LIB-200A from the system and place it on an antistatic surface.
- Using a Plastic Leaded Chip Carrier (PLCC) extraction tool, carefully remove **ROM U108** from the LIB and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U108** on the LIB.
- Install the LIB in the system.
- Repeat steps for each LIB-200A in the system.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

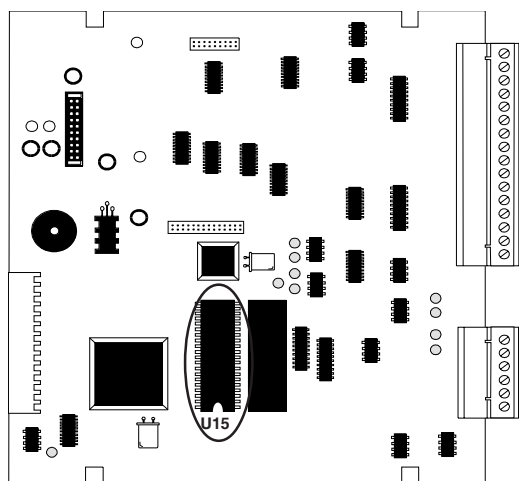


SIB-2048 Serial Interface Board

AROM(n)-SIB for SIB-2048

- Open the Display Interface Assembly (DIA) door.
- Using an IC insertion/extraction tool, carefully remove **ROM U14** from the SIB-2048 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U14** on the SIB-2048.
- Close the DIA door.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

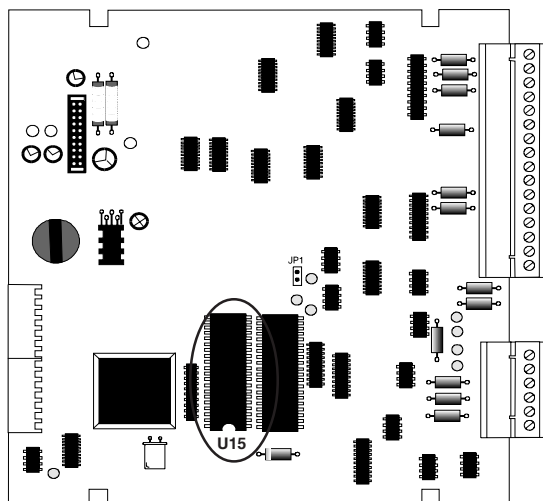


SIB-NET Serial Interface Board

NROM(n) / AROM(n)-SIB for SIB-NET

- Open the Display Interface Assembly (DIA) door.
- Using an IC insertion/extraction tool, carefully remove **ROM U15** from the SIB-NET and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U15** on the SIB-NET.
- Close the DIA door.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

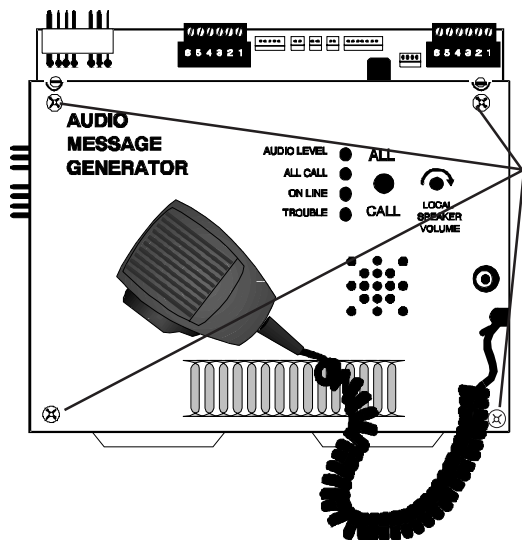


SIB-2048A Serial Interface Board

AROM(n)-SIB for SIB-2048A

- Open the Display Interface Assembly (DIA) door.
- Using an IC insertion/extraction tool, carefully remove **ROM U15** from the SIB-2048A and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U15** on the SIB-2048A.
- Close the DIA door.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

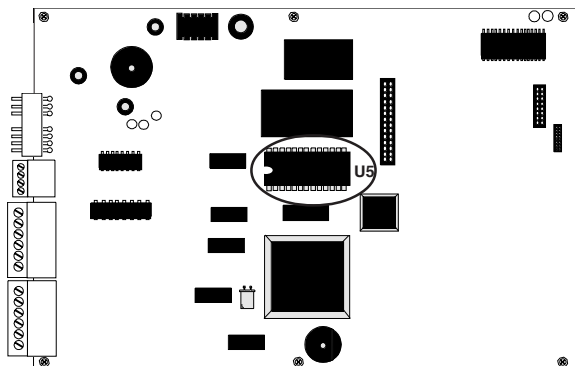
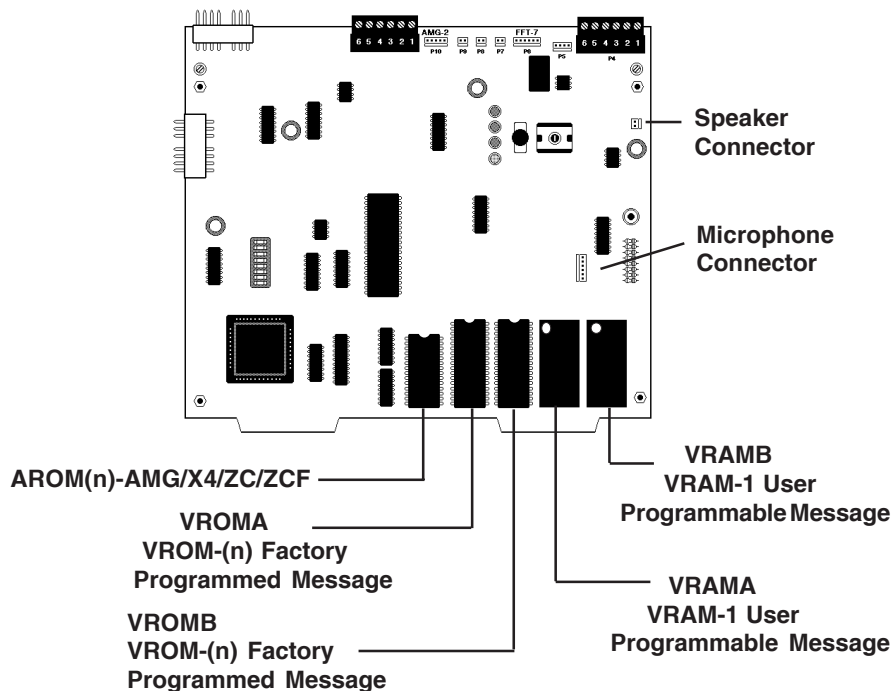


AMG-1 Audio Message Generator

AROM(n)-AMG/X4/ZC/ZCF, VROM-(n) and VRAM-1 for AMG-1

- Remove dress panel covering the AMG-1.
- Remove the four screws that affix the AMG-1's dress plate to the component board as illustrated at left. Remove the dress plate and disconnect the microphone and speaker connectors.
- If replacing ROMs, carefully remove affected chips from the AMG-1 using an IC insertion/extraction tool and place them on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Install the new AROM(n)-AMG/X4/ZC/ZCF, VROM-(n) or VRAM-1 chips in their respective positions as illustrated below.
- Assembly of the AMG-1 is the reverse of removal.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

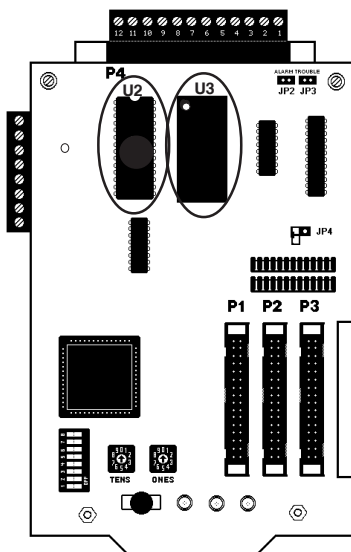


INA Intelligent Network Annunciator

NROM-INA(n) for INA

- Open the Intelligent Network Annunciator (INA) door.
- Using an IC insertion/extraction tool, carefully remove **ROM U5** from the INA and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U5** on the INA.
- Close the INA door.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.



**XPP-1 Transponder
Processor Module**

XRAM-1 for XPP-1

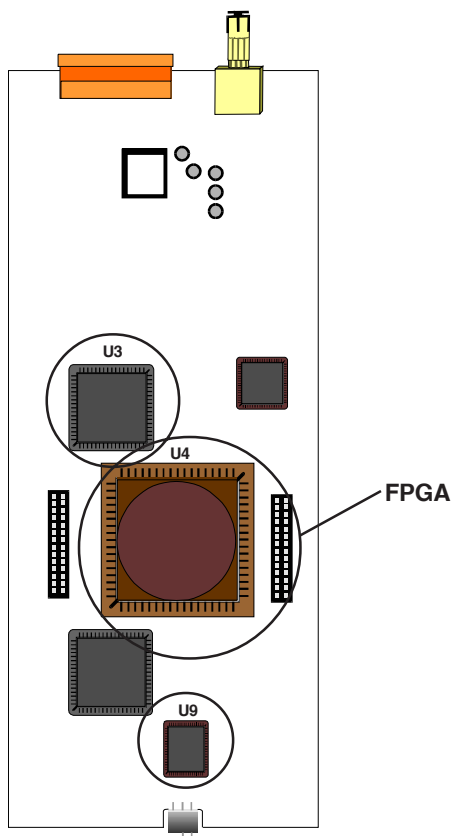
- Remove the XP Transponder Dress Panel.
- Using an IC insertion/extraction tool, carefully remove **RAM U3** from the XPP-1 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **XRAM-1** into the socket for **U3** on the XPP-1.
- Replace the XP Transponder Dress Panel.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

AROM(n)-XPP for XPP-1

- Remove the XP Transponder Dress Panel.
- Using an IC insertion/extraction tool, carefully remove **ROM U2** from the XPP-1 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U2** on the XPP-1.
- Replace the XP Transponder Dress Panel.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

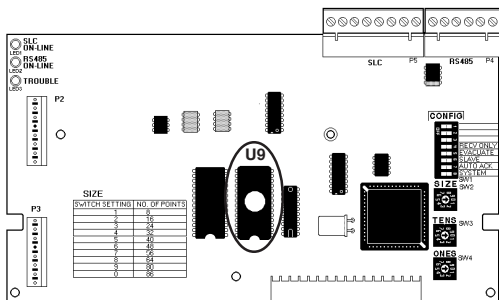


**MET-1LBPCA
(Lower Board)**

NROM(n)-MET for MET-1

- Disassemble the MET-1 by removing the cover. For the MEDIA(n)-KIT, remove the MET-1 UBPCA upper board also.
- With the power switch in the "Off" position, remove **BT1** battery connector.
- Using a PLCC extraction tool, carefully remove **IC U9, U3 and U4** from the MET-1LBPC and place them on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are misaligned. Insert the supplied **replacement NROM(n)-MET** into their correct sockets on the MET-1LBPCA.
- Reassemble the MET-1.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

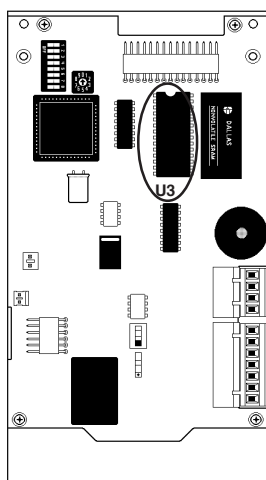


NIB-96
Network Interface Board

AROM(n)-NIB for NIB-96

- Locate and gain access to the NIB-96 in the cabinet.
- Using an IC insertion/extraction tool, carefully remove **ROM U9** from the NIB-96 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U9** on the NIB-96.
- Reassemble the control panel.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

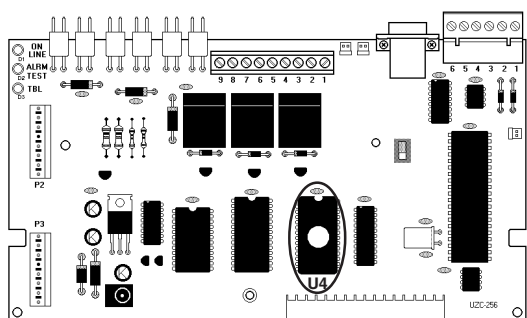


LCD-80
Liquid Crystal Display

AROM(n)-LCD for LCD-80

- Locate and gain access to the LCD-80 in the cabinet.
- Using an IC insertion/extraction tool, carefully remove **ROM U3** from the LCD-80 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U3** on the LCD-80.
- Reassemble the control panel.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

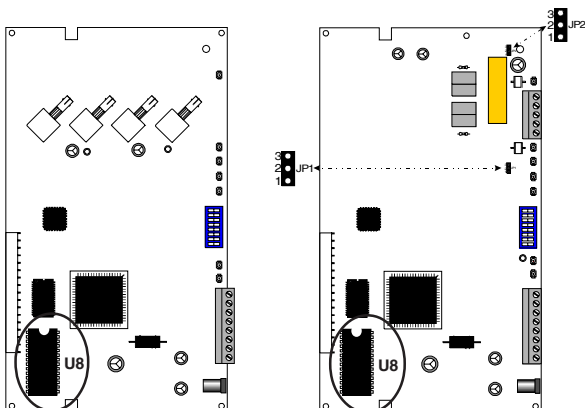


UZC-256 Universal Zone Coder

AROM(n)-UZC for UZC-256

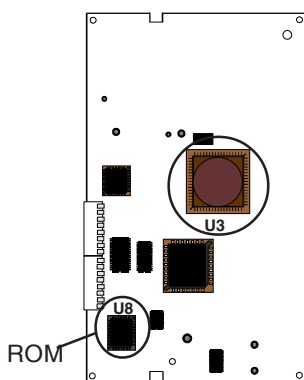
- Locate and gain access to the UZC-256 in the cabinet.
- Using an IC insertion/extraction tool, carefully remove **ROM U4** from the UZC-256 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U4** on the UZC-256.
- Reassemble the control panel.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.



NAM-232F
Style A

NAM-232W
Style A



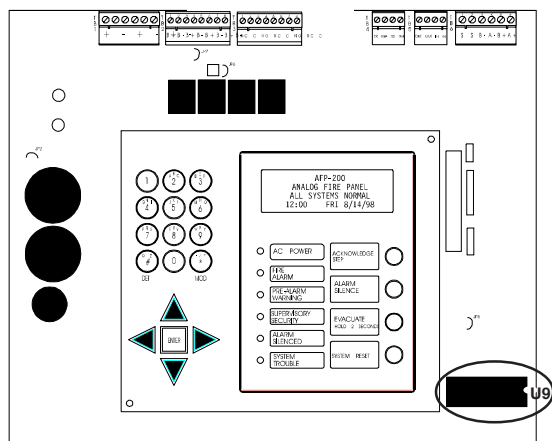
NAM-232W/F
Style C

NAM-232 Network Adapter Modules

NROM-NAM(n) for NAM-232F, NAM-232W and NAM-232W/F

- Locate and gain access to the NAM-232 in the cabinet.
- Using an IC insertion/extraction tool for Style A or a PLCC extraction tool for Style C, carefully remove **ROM U8** from the NAM-232 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U8** on the NAM-232.
- Reassemble the control panel.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

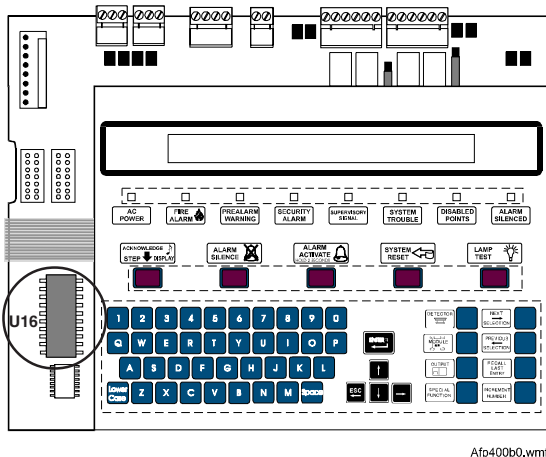


AFP-200 Analog Fire Panel

AFP-200 IC for use with NAM-232

- Locate and gain access to the AFP-200 in the cabinet.
- Using an IC insertion/extraction tool, carefully remove **ROM U9** from the AFP-200 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U9** on the AFP-200.
- Reassemble the control panel.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.

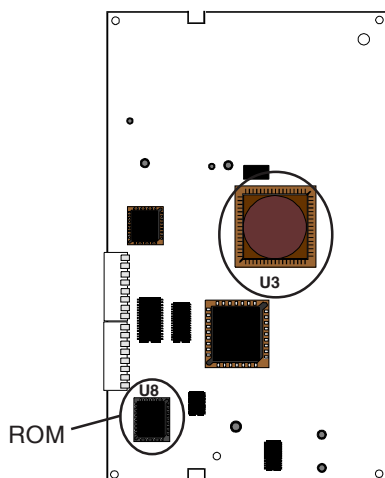


AFP-300/400 Analog Fire Panel

AFP-300/400 IC for use with NAM-232

- Locate and gain access to the AFP-300/400 in the cabinet.
- Using an IC insertion/extraction tool, carefully remove **ROM U16** from the AFP-300/400 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are bent. Insert the supplied **replacement ROM** into the socket for **U16** on the AFP-300/400.
- Reassemble the control panel.

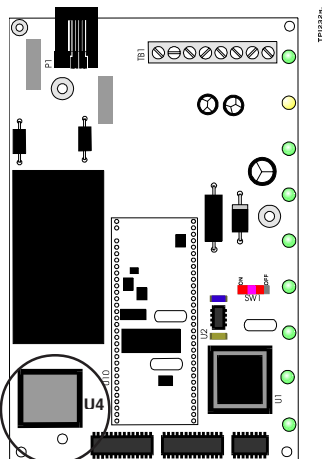
WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.



NAM-232W/F

MEDIA(n)-KIT for NAM-232W/F

- Locate and gain access to the NAM-232 in the cabinet.
- Using a PLCC extraction tool, carefully remove **FPGA U3** from the NAM-232 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are misaligned. Insert the supplied **replacement FPGA** into the socket for **U3** on the NAM-232.
- Reassemble the control panel.

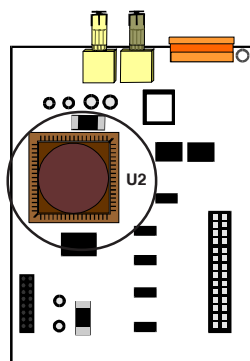


TPI-232

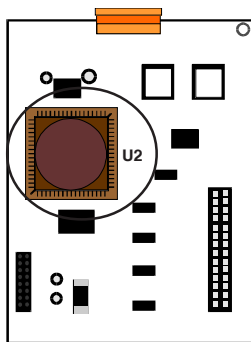
ROM(n)-TPI for TPI-232

- Locate and gain access to the TPI-232.
- Using a PLCC extraction tool, carefully remove **ROM U4** from the TPI-232 and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are misaligned. Insert the supplied **replacement ROM** into the socket for **U4** on the TPI-252.
- Reassemble TPI-232 setup.

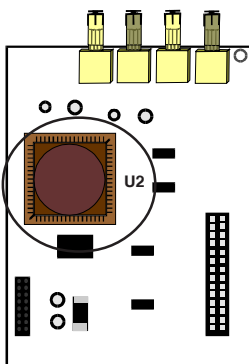
WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.



**MIB-WF
Style C**



**MIB-W
Style C**

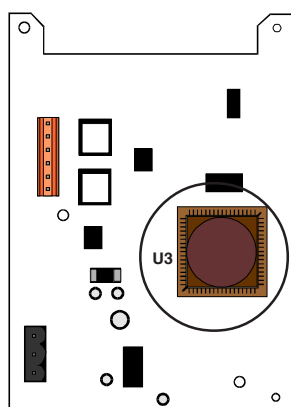


**MIB-F
Style C**

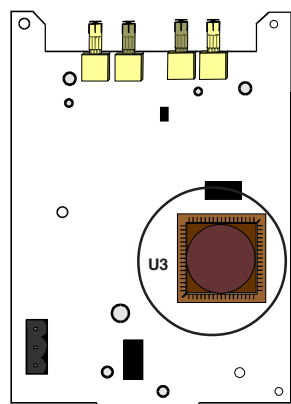
MEDIA(n)-KIT for MIB-W/WF/F

- Locate and gain access to the MIB-W/WF/F.
- Using a PLCC extraction tool, carefully remove **FPGA U2** from the MIB and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are misaligned. Insert the supplied **replacement FPGA** into the socket for **U2** on the MIB-W/WF/F.
- Reassemble the MIB.

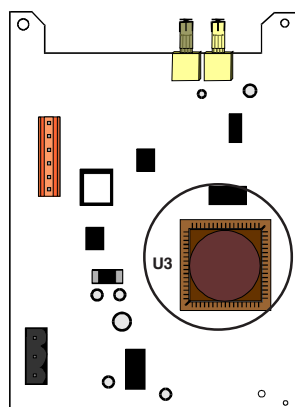
WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.



**RPT-W
Style C**



**RPT-F
Style C**

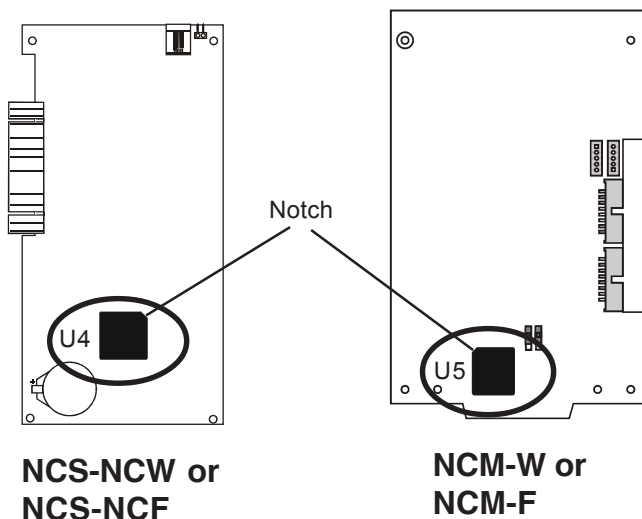


**RPT-WF
Style C**

MEDIA(n)-KIT for RPT-W/WF/F

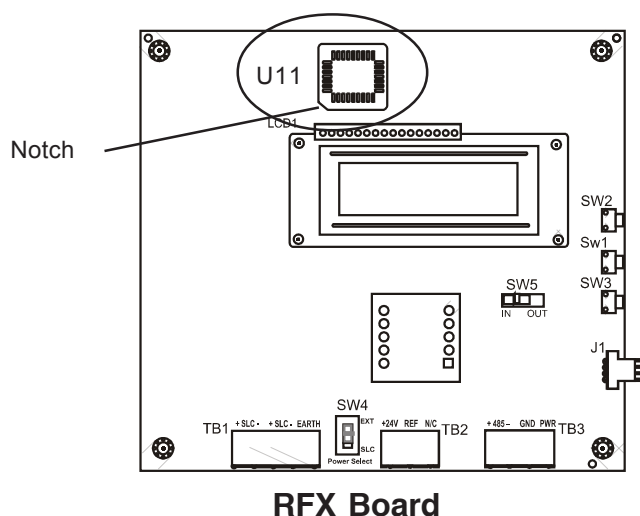
- Locate and gain access to the RPT-W/WF/F.
- Using a PLCC extraction tool, carefully remove **FPGA U3** from the RPT and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are misaligned. Insert the supplied **replacement FPGA** into the socket for **U3** on the RPT-W/WF/F.
- Reassemble the RPT.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.



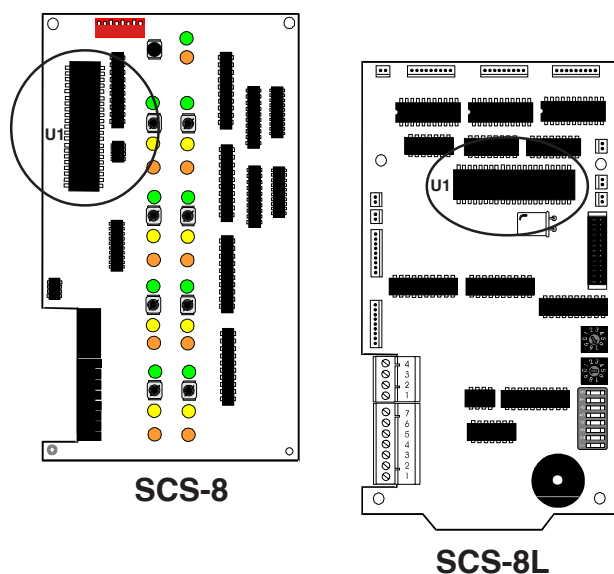
ROM(n)-NCM for NCM-W, NCM-F, NCS-NCW, and NCS-NCF

- Locate and gain access to the network card. Open the NCS computer for NCS network cards.
- Using a PLCC extraction tool, carefully remove **U4** (NCS) or **U5** (NCM) from the board and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are misaligned. Insert the supplied **replacement ROM(n)-NCM** into the socket for **U4** or **U5**.



ROM(n)-RFX for RFX

- Locate and gain access to the RFX. Open the RFX cabinet.
- Using a PLCC extraction tool, carefully remove **IC U11** from the RFX board and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are misaligned. Insert the supplied **replacement ROM(n)-RFX** into the socket for **U11** on the RFX.



ROM(n)-SCS for SCS-8 and SCS-8L

- Locate and gain access to the SCS-8/SCS-8L. To gain access to the SCS-8 remove the cover first.
- Using a IC insertion/extraction tool, carefully remove **IC U1** from the SCS-8/SCS-8L board and place it on an antistatic surface.
- Observe proper orientation and ensure that none of the pins are misaligned. Insert the supplied **replacement ROM(n)-SCS** into the socket for **U1** on the SCS.
- Reassemble the SCS.

WARNING: Software must be compatible system-wide. When not completely sure about compatibility, consult the factory before changing ROMs.