

UMC800 Operator Interface PROM Installation

Instruction Sheet

Document: 51-52-33-105F

Effective: 4/01

Supersedes: 3/01

These instructions apply to Operator Interface PROMs: U22/U2 and U23/U1

Materials needed

PROM extraction tool for PLCC chip

Phillips screwdriver

Grounded ESD wrist strap or ESD-safe work area

Overview

These instructions are used for installing PROMs in the Operator Interface

Pre installation requirements

- If you ordered an upgrade kit (51309954 -511 or -512), you must upgrade the other components to Release 5 before installing the PROMS. Go to instruction sheet 51-52-33-116 and perform the upgrades now.
- If you ordered the Operator Interface PROMS without a full upgrade (51404951 -502 or -503), you will install the PROMs without upgrading the components.

Before installing the PROMs, verify your system's three components are a compatible release level. See Table 1.

Symbol Definitions

CAUTION

This **CAUTION** symbol indicates a potentially hazardous situation, which, if not avoided, **may result in property damage**.





WARNING

PERSONAL INJURY: Risk of electrical shock. This symbol warns the user of a potential shock hazard where HAZARDOUS LIVE voltages greater than 30 Vrms, 42.4 Vpeak, or 60 Vdc may be accessible. **Failure to comply with these instructions could result in death or serious injury.**



ATTENTION, Electrostatic Discharge (ESD) hazards. Observe precautions for handling electrostatic sensitive devices


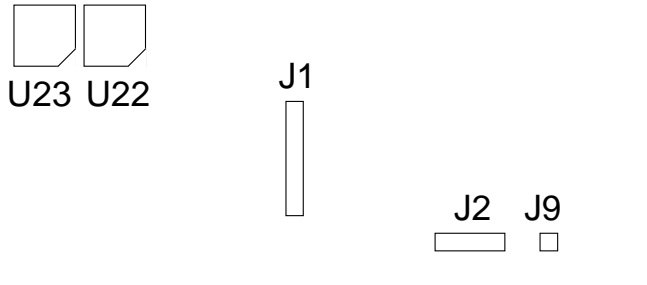
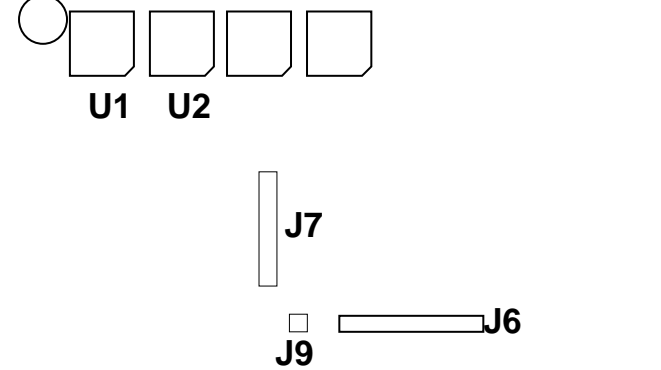
Table 1 Verify Component Compatibility

		System level release number:							
Components:	1.10	1.11	2.0	3.0	3.1	3.2	4.0	5.0	
Controller software version:	1.01	1.02	2.02	3.01	3.03	3.10 ↓ 3.16	3.20 ↓ 3.26	5.0	To check, press  to access the main menu, Unit Setup, Controller Status, Rev Level.
Operator Interface software version:	6.2	6.4	7.0	7.1	7.2	7.2	7.3 8.3	5.0	To check, press  to access the main menu, Log Off. Or, turn power off then on and view the number on the startup screen (first screen that appears).
Control Builder (CB) software version:	1.0	1.0	2.0	3.01	3.01	3.01	3.1 3.2	5.0	To learn the version number of either item, select Help, then About....
Or User Utility software version:	NA	NA	1.0	3.01	3.01	3.01	3.1 3.2	5.0	

Installation Procedure

Follow the procedure in Table 2.

Table 2 PROM Installation Procedure

Step	Action
1	Disconnect power from Operator Interface by pulling the connector off the rear of the Operator Interface.
2	 Remove front. WARNING! The front inside contains high voltage. Do not remove the front unless power has been disconnected (see Step 1). <ul style="list-style-type: none"> • Open the floppy disk door located on the right front. • Unscrew the 2 screws inside. • The front is hinged on the left. Carefully pull the right side forward a few inches, then move the front to the right slightly to disengage the hinges. • The front will still be attached with wires, so do not pull the front away from the unit.
3	<p>Disconnect wires between the front and the unit.</p> <ul style="list-style-type: none"> • If the unit is still installed in a panel, remove the front cover. • If your board looks like Figure 1, disconnect the wire connectors at J1, J2, and J9 inside the Operator Interface case . Grasp either side of the connector and pull straight off; do not pull on the wires. <div data-bbox="516 940 1190 1266" style="border: 1px solid black; padding: 10px; margin: 10px 0;">  </div> <p style="text-align: center;">Figure 1 Inside View of Operator Interface (U23 and U22)</p> <ul style="list-style-type: none"> • If your board looks like Figure 2, disconnect the wire connectors at J6, J7, and J9 inside the Operator Interface case. Grasp either side of the connector and pull straight off; do not pull on the wires. <div data-bbox="509 1423 1198 1812" style="border: 1px solid black; padding: 10px; margin: 10px 0;">  </div> <p style="text-align: center;">Figure 2 Inside View of Operator Interface (U1 and U2)</p>

Kit Instruction, continued

Step	Action
4	<p>Remove PROMS.</p> <ul style="list-style-type: none">• If your board looks like Figure 1, use the PROM extraction tool to remove the 2 PROMS from U22 and U23.• If your board looks like Figure 2, use the PROM extraction tool to remove the 2 PROMS from U1 and U2.
5	<p>Insert the new PROMS.</p> <ul style="list-style-type: none">• If your board looks like Figure 1, insert PROM labeled "U2" into U22. Insert PROM labeled "U1" into U23. Make sure the angled corner of each PROM is aligned with the lower right corner of the PROM connector.• If your board looks like Figure 2, insert PROM labeled "U2" into U2. Insert PROM labeled "U1" into U1. Make sure the angled corner of each PROM is aligned with the lower right corner of the PROM connector.
6	<p>For Figure 1 board, reconnect the J1, J2, and J9 connectors. For Figure 2 board, reconnect the J6, J7, and J9 connectors. Make sure each connector is correctly aligned with its mate before pushing it on.</p>
7	<p>Reattach the front.</p> <ul style="list-style-type: none">• Insert the left side first, then close the right side.• Insert the 2 screws under the floppy disk door. Tighten snugly but do not overtighten.
8	<p>Reconnect power to the rear of the case.</p>

This completes the installation.

Warranty/Remedy

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Contact your local sales office for warranty information. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace without charge those items it finds defective. The foregoing is Buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

Honeywell

Sensing and Control

Honeywell
11 West Spring Street
Freeport, IL 61032