

 d i g i t a l 	FCO	Level of Urgency +---+ I +---+	Page_1_ Of_5_
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FIELD CHANGE ORDER

Number: TUK50-I001

Applicability: All TUK50 UNIBUS controller modules (M7547) below Rev C2, when problems are evident. This FCO incorporates ECO M7547-SHR001.

Problem/Symptom:

1. Not software enabled messages and associated system hangs.
2. Phantom device address messages of MUxx 4224.
3. Abnormal amount of soft errors reported to error log during backups.

Quick Check: Chip in position E48 is marked 23-250E5-00.

Compatibility/Prerequisite FCO: N/A

Est. Time to Install:	.5 hours
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Special Tools or Test Equipment: N/A

FCO	Parts	Information	
Order by	Quantity:	Part Number:	Description:
FCO Kit#:			
EQ-01428-01	1	23-250E5-00	ROM
	1	23-251E5-00	ROM
FA-04713-01	1		FCO Document

EQ Kit Variation System/Option Applic: N/A

Approvals

CSSE Engineer Bob Steere	F.S. Product Safety Steve Caccia	F.S. Logistics Ed Duggan	
CSSE Manager Steve Dail	F.S. Microfiche Libraries EP-FSNVX-LB VAX	Affected Population: 500	
MicroMedia Pub. Ray leBlanc	EP-FSP11-LB PDP11 VAXnotes	Initial Kitting: 150	

Revision:

A

STARS

Hardcopy Publication:

500

FCO Release Date

26-NOV-86

Parts Availability:

November 1986

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The minimum shippable revision of this module from all F.S. locations is C2 as of date of first issue.

* C A U T I O N *
* The M7547 module contains electrostatic discharge *
* sensitive devices (ESDS). The use of the VELOSTAT *
* kit is essential to prevent damage which may not be *
* noticed immediately. *

INSTALLATION PROCEDURE:

1. Perform normal system shutdown procedures.
2. Power down system.
3. Remove interface cable from M7547 module, P1.
4. Remove module M7547 from backplane.
5. Using figure 1 as a reference, replace the following components with parts supplied.
 - A. Remove chip from position E48, replace with chip marked 23-250E5-00.
 - B. Remove chip from position E49, replace with chip marked 23-251E5-00.

* NOTE *
* This ROM replacement brings the microcode (FW) to REV 4. *
* *

6. Using figure 1 as a reference, change switch setting of component E5

to: bits 1 and 2 on, all others off. This changes the hardware REV register to 3.

7. Mark the handle REV C2.
8. Reinstall module in backplane and replug cable. Observe proper cable orientation.
9. Power up system.

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10. Observe for normal power up onboard diagnostic completion.
11. Return system to customer.
12. Complete LARS form as per sample.

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Figure 1

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FCO TUK50-I001

LARS

Activity	DEC Option	Type of Call	Action Taken	FCO # Comments	Material Used
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For Contract and Warranty Customers U.S. and G.I.A.

W	TUK50	M	D	TUK50-I001	EQ-01428-01
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For Per CALL Customers U.S., G.I.A

F	TUK50	M	D	TUK50-I001	EQ-01428-01
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For Contract and Warranty Customers Europe

Y	TUK50	M	I	TUK50-I001	EQ-01428-01
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For Per Call Customers Europe

F	TUK50	M	I	TUK50-I001	EQ-01428-01
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