

DIGITAL	FCO	CATEGORY [F]	PAGE 1 OF 3
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FIELD CHANGE ORDER	NUMBER: KZMSA-F001
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APPLICABILITY: This "F" coded should be installed on all DEC 7610, 7620, 7630 and 7640 systems. This FCO will bring all KZMSAs (T2029-AB) to rev. "F01" or greater. All field spares should also be upgraded with this FCO. This FCO incorporates the following ECO: T2029-AB-LTN02.

PROBLEM & SYMPTOM: Any T2029-AB module below rev. "F" will not allow the functions microcode to be updated at the customer site. There is also a "disconnect" problem.

SOLUTION: The FCO corrects the problems by: 1. Replacing the PAL in location E110 with new PAL, 23-E89J5-00 and 2. Replacing the EPROM in location E7 with a new EPROM, 23-368E9-00. This will allow the field to upgrade the code on site vs. changing the module in the future.

QUICK CHECK: Check revision of the T2029-AB module for rev. "F*"

PRE/CO-REQUISITE FCO: N/A	MFIT HRS 1.0
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TOOL/TEST EQUIPMENT: Field Service Tool Kit
Electrostatic Field Service Kit

FCO PARTS INFORMATION

FCO KIT NO.	DESCRIPTION OF CONTENTS
EQ-01674-01	1 - T2029-AB KZMSA Module, rev. "F*"
FA-05010-01	1 - FCO Document

FCO CHARGING INFORMATION (See Last Page)

APPROVALS

TECH. ENGINEER Ella Lipkind	BUSINESS MGR. Dave Russell	DSHQ LOGISTICS Bill Stanley	DS PRODUCT SAFETY Robert Brister
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MICROMEDIA	PARTS AVAILABILITY	FCO REVISION	FCO RELEASE DATE
Diane MacDonald	May, 1993	A	17 May 1993

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FCO    KZMSA-F001

PAGE  2 OF 3

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Upgrade Procedure for the T2029-AB module
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1. Have the customer notify all affected system users and shut down the operating system.
2. Disable the 48 VDC Buss by turning the front panel keyswitch to the "OFF" position.

Turn off input AC power to the platform by switching the main circuit breaker at the back of the machine to "off".
(This shuts off power to the CCL module.)

* C A U T I O N *

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* This module, as all other modules, contains
* electrostatic discharge sensitive devices (ESDS).
* The use of the VELOSTAT kit is essential to prevent
* damage which may not be noticed immediately.
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3. Set up VELOSTAT KIT

- a. Unfold the VELOSTAT mat to full size (24" x 24").
- b. Attach the 15 foot ground cord to the VELOSTAT snap fastener on the mat.
- c. Attach the alligator clip end of the ground cord to a good ground on the cabinet.
- d. Attach the wrist strap to either wrist and the alligator clip to a convenient portion of the mat.

4. Locate the T2029 in the XMI card cage.
5. Remove the T2029-AB module and install EQ-01674-01 rev. "F*" T2029-AB module.
6. Turn the cabinet breaker back to the "on" position and enable power to the system with the keyswitch.
7. Run all applicable diagnostics and tests.

8. Repackage the old T2029-AB module and return for upgrade.
9. Report this FCO activity on the LARS form in the "Fail Area/Module/FCO/Comments" column as follows: FCO KZMSA-F001, (see Page 3).

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FCO KZMSA-F001

PAGE 3 OF 3

LARS

	USA	GIA	EUROPE
Activity -			
(a)Contract	W	U	K
Warranty	W	U	W
(b)IN-DEC Contract	K	U	A
Non Contract/Non Warranty	F	F	F
(c)RTD/Off-site Agreement	F	U	F
Hardware Segment Code	111	111	***
Product Line	031		031
DEC Option	KZMSA	KZMSA	KZMSA
Option ID	X	N/A	N/A
Type of Call	M	M	M
Action Taken	D	D	I/V
Fail Area-Module-FCO-Comments	KZMSA-F001	KZMSA-F001	KZMSA-F001
Material Used	EQ-01674-01	EQ-01674-01	EQ-01674-01

- (a) Warranty Optimum, Warranty Standard and Warranty Basic (on-site) Agreements; * Note material (only) free of charge for all customers.
- (b) Applies to IN-DEC Area Only
- (c) RTD=Return to Digital or Off-site Agreements; If Field Engineer On-site, use Activity Code "F".

FCO CHARGING INFORMATION

WARRANTY/CONTRACT				NONWARRANTY/NONCONTRACT				
ON-SITE		OFF-SITE		ON-SITE		OFF-SITE		MATERIAL ONLY
TRAVEL/	EQ		EQ	TRAVEL/	EQ		EQ	ORDER-ADMIN, HANDLING
INSTALL	KIT	INSTALL	KIT	INSTALL	KIT	INSTALL	KIT	PKG, SHIPPING & EQ KIT
DEC	DEC	DEC	DEC	CUS	CUS	CUS	CUS	CUS

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\\FCO_DOCS

\\KZMSA

\\EQ-01674