

Modification Recommended Service Note

Supersedes:
E1466A-01

E1466A 4x64 Relay Matrix Switch

Serial Numbers: ALL

E1466A may fail to open/close relays because of a defective relay driver IC with date code 0325.

Parts Required:

P/N	Description	Qty.
E1466-66701 or E1466-69701	PCA, Tested	1

ADMINISTRATIVE INFORMATION

ACTION	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS	
CATEGORY:	<input type="checkbox"/> AGREEABLE TIME	LABOR:	0.5 Hours
LOCATION	<input type="checkbox"/> CUSTOMER INSTALLABLE (No Parts involved) <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE:	<input type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE <i>(active On-site contract required)</i> <input type="checkbox"/> CHANNEL PARTNERS	INVENTORY:	<input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
USED	<input type="checkbox"/> RETURN	PARTS:	<input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	1 Aug 2009
	<input type="checkbox"/> Calibration Required <input checked="" type="checkbox"/> Calibration NOT Required	PRODUCT LINE:	BL
		AUTHOR:	Pin Wen

ADDITIONAL INFORMATION:

Situation:

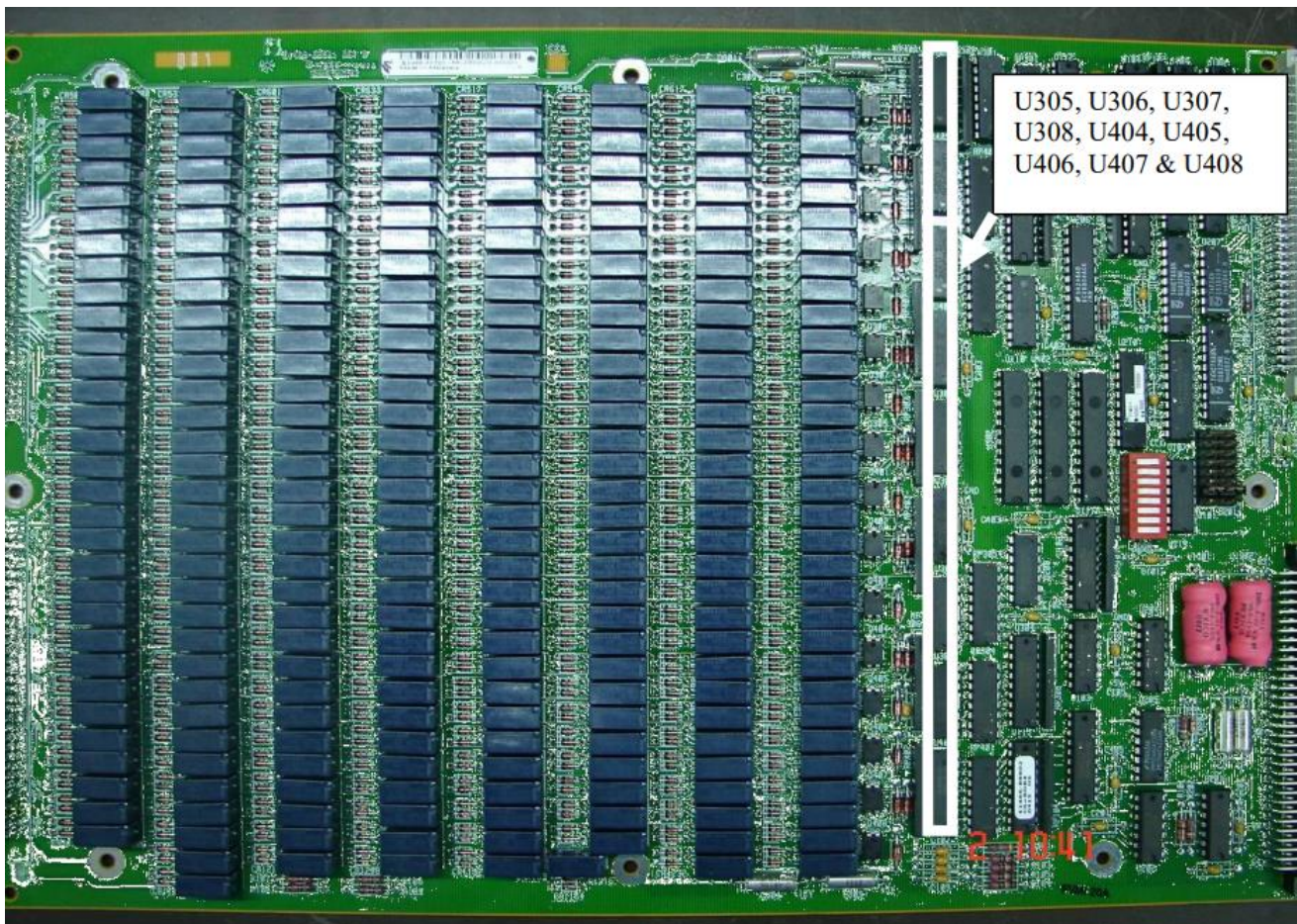
New E1466A shipped between approximately March 2008 and March 2009 may contain a relay driver chip with a known date code problem.

The service repair part E1466-66701 or E1466-69701 used for repair during this time frame may also have the bad date code ICs.

The relay driver ICs are U305, U306, U307, U308, U404, U405, U406, U407, and U408 which are the LTB part 5188-2550 for 1820-4599.

The bad date code is 0325. This date code has a much higher failure rate. Most failures have occurred in the first three months of usage. See the following pictures for part and date code location.

The E1466-66701 or E1466-69701 PCA is used in E1465A, E1466A, and E1467A.
The E1466-66701 or E1466-69701 PCA is a tested version of the untested E1466-66501 PCA.



Part Number : E1466-66501
Location Impacted : U305, U306, U307, U308, U404, U405, U406, U407, and U408

Reject Criteria : DC 0325 on IC



Solution/Action:

A E1466A that fails to close or open its relays and has the 0325 date code ICs should be replaced with a E1466-66701 or E1466-69701.

Revision History:

Date	Service Note Revision	Author	Reason for Change
29 Jul 2009	01	GLS	As Published
25 Jul 2024	01A	Pin Wen	Added E1466-69701 as replacement part.