

S E R V I C E N O T E

SUPERSEDES: None

**E3452A PowerPC 600 Processor Probe
Sub-assembly E3452-66501**

WARNING

POSSIBLE FIRE HAZARD

Serial Numbers: 0000A00000 / 9999Z99999

Capacitor may fail in some conditions causing a potential fire hazard.

Capacitor C3 is mounted incorrectly on all E3452-66501 circuit boards.

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

P/N	Description	Quantity
E3452-66502	Transition Board	1

Continued

DATE: August 1998

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
PRIORITY SAFETY			
ACTION CATEGORY: IMMEDIATELY		STANDARDS: LABOR 0.25 Hour	
LOCATION CATEGORY:	<input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY: ALWAYS		USED PARTS:	<input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AGILENT RESPONSIBLE UNTIL: ALWAYS			

Situation:

The problem is that capacitor, C3, is mounted incorrectly on all E3452-66501 circuit boards. This capacitor is a yellow box on the top of the transition board as viewed from the component side. This device will fail eventually. Since the E3452-66501 transition board does not have an enclosure, this failure may present a fire hazard. The failure will be accelerated if the product is operated in a warm environment, approaching 91 degrees F.

Solution / Action:

Agilent is notifying all customers and providing an E3452-66502 transition board to replace the E3452-66501 transition board.

The transition board, TIM, is located on the target end of the five foot flat ribbon cable which connects the E3452 and E3454 Processor Probes to the target.

The old E3452-66501 transition board needs to be unplugged from the flat ribbon cables and the new E3452-66502 transition board plugged into its place. The 50 pin wide flat ribbon cable has side mounted releases. Squeeze the releases to remove the cable. The other flat ribbon cable is a keyed plug with no locks.

The old E3452-66501 transition boards must be returned to the factory in Agilent supplied pre-paid mailers.