

S E R V I C E N O T E

SUPERSEDES: NONE

**E3459A Emulation Probe Target Interface Modules )**

Serial Numbers: 0000A00000 / 9999Z99999

**Possible incompatibility between the E3459-66501 and E3459-66502 Target Interface modules on some target systems.**

**Duplicate Service Notes:**

- E3459A-01,
- E5900A#300-01
- E5901A#300-01
- E5902A#300-01
- E9495A#300-01

**To Be Performed By:** Agilent-Qualified Personnel and/or Customer

**Parts Required:**

P/N	Description	Quantity
E3459-66503	Target Interface Module	1ea
E8130-66513	Target Adapter Board	1ea

*Continued*

DATE: June 2000

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 0.5 Hours
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: DM	ENTITY: 0800	AGILENT RESPONSIBLE UNTIL: July 2002	
		ADDITIONAL INFORMATION:	



**Situation:**

The original Target Interface Module P/N E3459-66501 would not support 5-volt target systems. The P/N E3459-66502 Target Interface Module was designed for both 3.3-volt and 5-volt target systems. However, due to differences in clock signal loading of some target systems by the P/N E3459-66502 Target Interface Module, excessive clock signal noise was generated. This excessive noise caused either the target system or the emulation probe to fail to operate.

**Solution / Action:**

A new Target Interface Module P/N E3459-66503 was designed for a newer probe model and for compatibility with the Trace Port Analyzer. However, the connectors for TI, VLSI, and ARM high-density connectors were eliminated. Only the ARM 20-pin connector for the probe remains.

If a customer has an P/N E3459-66501 Target Interface Module and needs 5-volt support or, if the customer has problems with the P/N E3459-66502 Target Interface Module replace it with the the new Target Interface Module, P/N E3459-66503. Also provide the customer with an E8130-66513 Target Adapter Board for the additional connector capability.