

## S E R V I C E N O T E

SUPERSEDES: None

**5343A Microwave Counter****Serial Numbers:** 2014A00101 / 3020A02990 without Option 001**A18 Modification when A24Y1 changes from 0960-0394 to 0960-0612****Duplicate Service Notes:**

5343A-32

5342A-60

**Situation:**

The original 10 MHz standard crystal, A24Y1, was part number 0960-0394. This part has not been available since 1992. A substitute crystal, 0960-0612, is available. It will work in Model 5342A and 5343A provided that the A18 Time Base Buffer Board is modified or replaced with the newer version. The newer version board is board mfg date code 9125200226 or higher, and was supplied in all new units since late 1991.

**Solution/Action:**

If A24Y1 is defective and must be replaced, order 0960-0612. If your unit has the older A18 board, order a new 05342-60048 board assembly, or make the following changes to your older A18 board:

*Continued*

DATE: 27 August 1993

## 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 1.0 Hour		
LOCATION CATEGORY:	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: 27 August 1995			
AUTHOR: CF	ENTITY: 0200	ADDITIONAL INFORMATION:			

## 1. Remove the following parts:

A18	R2	3.48K 1% .05W	0698-7249
A18	R4	3.48K 1% .05W	0698-7249
A18	R5	100-ohm 5% .05W	0698-3113
A18	U1	74S74 F/F	1820-0693
A18	U4	74128 DVR	1820-1074
A18	U5	74132 STG	1820-1056

## 2. Replace the parts removed in Step 1 with the following parts:

A18	R2	5.11K 1% .05W	0698-7253
A18	R4	5.11K 1% .05W	0698-7253
A18	R5	100-ohm 1% .05W	0698-7212
A18	U1	74LS74 F/F	1820-1112
A18	U4	74ALS28 DVR	1820-3479
A18	U5	74LS132 STG	1820-1425