

S E R V I C E N O T E

SUPERSEDES: None

**4263A LCR Meter**

**Serial Numbers:** 0000J00000 / 3145J01325

**Modification to eliminate CPU hang up due to defective X'tal oscillators**

**Duplicate Service Notes:** None

**To Be Performed By:** Agilent-Qualified Personnel

**Parts Required:**

Part No.	Qty.	Ref Designator	Description
1813-0773	1	A1 Y301	X'tal Oscillator, 20.48 MHz
1813-0708	1	A2 Y1	X'tal Oscillator, 16.0 MHz

**Situation:**

The 4263A units with serials given above may hang up intermittently. This is caused by the X'tal oscillator chip which has a problem in its manufacturing process. Two oscillator chips are used in the 4263A.

*Continued*

DATE: 19 February 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 0.5 Hour
LOCATION CATEGORY:	<input 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 checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AUTHOR: DWH	ENTITY: 3355	AGILENT RESPONSIBLE UNTIL: February 1995	
		ADDITIONAL INFORMATION:	

**Solution/Action:**

If the unit exhibits the symptom given above, try replacing the two X'tal oscillator chips with new ones. These components are SMD (Surface Mounted Devices) but don't require any special tools or techniques to replace them. Their pin pitch is wider than the general SMD.

Figure 1. shows the X'tal location.

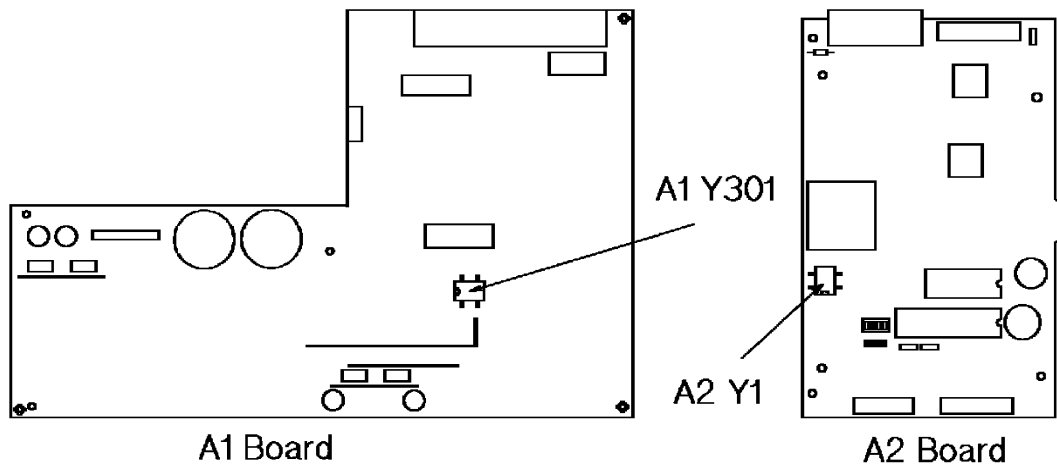


Figure 1.