

53181A-04

S E R V I C E N O T E

Supersedes:
NONE

53181A - 225 MHz Counter

Serial Numbers: ALL

Situation:

A manufacturing change to the oscillator, part numbers 10811-60160 (option 010) and 10811-60260 (option 012), causes a failure at power-on self test if the newer oscillators are replaced on to time base (A6) boards that have an EDC code less than 4829 on the board.

Parts Required:

P/N	Description	Qty.
53132-60016	A6 Timebase Support Board	1 (recommend replace)
0180-4758	Capacitor-Fixed 47UF	1 (optional repair)
0699-1361	Resistor, 51 Ohm	1 (optional repair)

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:	
INFORMATION ONLY	
AUTHOR: RNS	PRODUCT LINE: SP
ADDITIONAL INFORMATION:	

© AGILENT TECHNOLOGIES, INC. 2009
PRINTED IN U.S.A.

February 11, 2009

Rev. 16

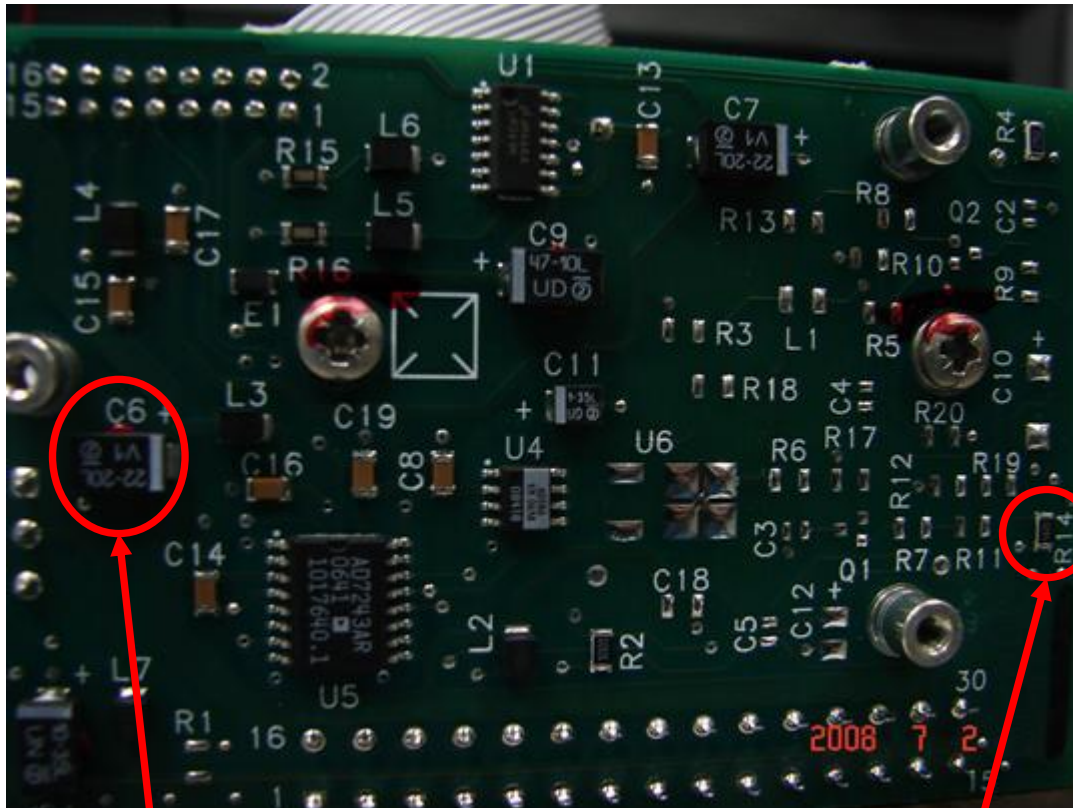


Solution/Action:

It is recommended that the A6 board be replaced by ordering a new board (53132-60016). This is the recommended approach as the board is relatively inexpensive and the older board could still have some other problem.

Optional repair (see picture):

1. Remove R14, 562ohm resistor and replace with 51ohm resistor (0699-1361).
2. Remove C6, 22uF capacitor and replace with 47uF capacitor (0180-4758).



C6
Remove 22uF (0180-4116)
Add 47uF (0180-4758)

R14
Remove 562ohm (0699-1433)
Add 51ohm (0699-1361)