

MANUAL DESCRIPTION

INSTRUMENT: 10529A Logic Comparator

SERIAL PREFIX: 1240A

DATE PRINTED: AUG 1973

HP PART NO: 10529-90005

MICROFICHE NO:

CHANGE DATE April 2, 1975

(This change supersedes all earlier dated changes)

- Make all changes listed as ERRATA.
- Check the following table for your instrument's serial prefix or serial number and make listed change(s) to manual.

IF YOUR INSTRUMENT HAS SERIAL PREFIX OR SERIAL NUMBER	MAKE THE FOLLOWING CHANGES TO YOUR MANUAL	IF YOUR INSTRUMENT HAS SERIAL PREFIX OR SERIAL NUMBER	MAKE THE FOLLOWING CHANGES TO YOUR MANUAL
1424A	1		
1444A	1,2		

▶ NEW OR REVISED ITEM

▶ ERRATA

Inside Cover: Change "Manual Part No. 10529-90006" to "10529-90005" to agree with correct part number on outside rear cover.

CHANGE 1 (1424A):

Page 1, Para 1-7:

Add (as 3rd and 4th from items supplied with logic comparator):

10529-60014 SOCKET CARD: PROGRAMMABLE.

10509-90007 MANUAL: OPERATING AND SERVICE SUPPLEMENT.

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CHANGE 1 (1424A): (Cont'd)

Page 38, Table 6-1:

Add 10529-60014 SOCKET CARD: PROGRAMMABLE.

Add 10529-90007 MANUAL: OPERATING AND SERVICE SUPPLEMENT.

CHANGE 2 (1444A):

Page 17, Figure 4-2:

Change 10K resistor in input circuit from 10K to 47K.

Page 21, Table 5-1:

Change HP Part No. 10529-60003 to 10529-60015.

Page 32, Table 6-1 Replaceable Parts:

Change A1 part number from 10529-60003 to 10529-60015 in "HP Part No."
and "Mfr Part Number" columns.

Change A1DS1-A1DS17 part number 1990-0324 to 1990-0416 in "HP Part No."
and "Mfr Part Number" columns.

Page 35 and 36, Table 6-1, Replaceable Parts:

Change A2R1, R3, R5, R7, R9, R11, R13, R15, R18-22, R24, R26, and R28 Part Numbers in
HP and Mfr Part Number columns from 0698-5426 to 0698-6294 and resistor values from 10K
to 47K ohm in "Description" column.

Page 37, Table 6-1 "Miscellaneous Parts":

Change 10529-00002 to 10529-00003 in "HP Part No." and "Mfr Part Number" columns.

Change 10529-20003 (A1 Blank Board) to 10529-20015 in "HP Part No." and
"Mfr Part Number" columns.

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CHANGE 2 (1444A): (Cont'd)

Page 50, Schematic Diagram Tables:

Change "DS1-16" for A1 in "Reference Designations" table to DS1-17.

Change "DS1" for A1 in second "TABLE" to "DS1-17" and HP PART NO. from 1990-0310 to 1990-0416.

Page 51, Figure 8-6 Schematic Diagrams:

Change 10529-60003 for A1 DISPLAY ASSEMBLY to 10529-60015 (SERIES 1444A).

Change A2R11, R28, R5, R7, R3, R9, R13, R15, R18, R19, R20, R21, R22, R24, R26 and R1 from 10K to 47K ohms.

Add "(SERIES 1444A)" after part number for A2 MAIN BOARD.

- ▶ For instruments with serial numbers 1444A7440 and above, make the following changes:
- ▶ Page 37, Table 6-1, Replaceable Parts:
 - Change A3R3 from 200 Ω to 51 Ω , new HP Part Number is 0683-5105, Mfr. Part Number is CB 5105.
- ▶ Page 51, Figure 8-7, A3 Schematic:
 - Change A3R3 value from 200 Ω to 51 Ω .
 - Change A3 series number to 1444.