

MANUAL CHANGES July, 04

Manual for Model Number	8114A
Manual printed on	Dec. 1994, 1.0
Manual Part Number	08114-91031

Make all ERRATA corrections.

Check the following table for your instrument serial prefix/serial number/EDC and make the listed changes to your manual

New Item

Serial Prefix or Serial Number	Manual Changes
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ERRATA

3330G00251	1
3330G00328	2
3330G00621	3
3330G00746	4
DE33700841	5
DE33700941	6
DE38601083	7
DE38601131	8
DE38601186	9
DE38601680	10
DE38705570	11
DE38602000	12

Important Note

Hewlett-Packard's (HP) Test and Measurement Business is now part of Agilent Technologies (AGILENT), a new company created by Hewlett-Packard. Information in this manual may refer to Hewlett-Packard, but applies to your Agilent Technologies product.

Hewlett-Packard, HP, and Agilent branded products with the same model number are interchangeable.

INDEX OF MANUAL CHANGES

MANUAL CHANGES	A4	A5	A6
ERRATA			
1		R803	
2			C624, VR801
3			Q401,501
4			C627
5		R803	
6			C517, 627
7		CR402,502, CR602, MP403,404, MP405,406,M P503,504, MP505,506, MP603,604, MP605,606, PC505,515, Q401,501, Q601, R407 R507,607, R508, 608, R803, U401 U501,601	
8		R803	
9			C627
10			C627
11	Q404,405 Q504,505		
12			C624

ERRATA

! CHANGE TO NEW SERIAL NUMBER FORMAT 1

last serial number old format: 3330G00835
first serial number new format: DE33700836

On section 5, A6, schematic 6E, change to read:

C538 = 100pF

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MANUAL CHANGE 1

On Table A-5 Parts List, changed to read:

EDC-LBL A-3517	A5	R803	0757-0409	RES 274 1% .125W
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MANUAL CHANGE 2

On Table A-6 Parts List, changed to read

B-3526	A6	C624 VR801	0160-0356 1902-0962	CAP 18pF 300V DIO ZNR 15V
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MANUAL CHANGE 3

On Table A-6 Parts List, changed to read:

B-3542	A6	Q401,501, Q502	1854-0392	XSTR NPN 2N5088
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MANUAL CHANGE 4

On Table A-6 Parts List, change to read:

B-3626	A6	C627	0160-4616	C:F 560pF
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MANUAL CHANGE 5

On Table A-5 Parts List, change to read:

A-3803	A5	R803	0698-4446	RES 267 1% .125W
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NOTE: EDC-LBL:Engineering Date Code
Label = Board Revision
+ Date Code

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MANUAL CHANGE 6

On Table A-6 Parts List, change to read:

B-3809	A6	C517	0160-4350	CAP 68pF 200V
		C627	0160-4371	CAP 680pF 100V

On page 6E SCHEMATIC C517, change to read: CAP 68p

On page 6F SCHEMATIC C627, change to read: CAP 680p

MANUAL CHANGE 7

On Table A-5 Parts List, add:

B-3811	A5	CR402,502,602	1901-0535	DIO SCHOTTKY SM
		MP403,404	1205-0916	SPR-CL
		MP503,504		
		MP603,604		
		MP405,505,605	1205-0921	HEAT SINK
		MP406,506,606	08110-29110	SPRING-HEATSINK
		PC515	08114-26515	PCB TIMING BOARD

On Table A-5 Parts List, delete:

B-3811	A5	PC505	08114-26505	PCB TIMING BOARD
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On Table A-5 Parts List, change to read:

B-3811	A5	Q401,501,601	1855-0449	J-FET 2N5434
		R407	0698-4443	RES 4.53K 1%
		R508,608	0698-3279	RES 4.99K 1%
		R803	0757-0409	RES 274 1% .125W
		U401,501,601	1DY9-0010	IC TIMING

On the first page of A. CLIP

Explanation of Contens

change to read:

Section	Assembly	Description	Part Number	Revision
4	A5	Timing Board	08114-66515	B-3811

On Table A-5 Parts List, change to read:

B-3820	A5	MP406,506,606	08110-09110	SPRING HEATSINK
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MANUAL CHANGE 7 (cont.)

On Table A-5 Parts List, change to read:

B-3827	A5	R507	0757-0420	RES 750 1% .125W
		R607	0757-0417	RES 562 1% .125W

MANUAL CHANGE 8

On page 5H schematic change value of R803 to read 267

On chapter 4 timing Board Table A-5, Parts List change to read:

B-3838	A5	R803	0698-4446	RES 267 1% .125W
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MANUAL CHANGE 9

On 08114-91031 page 6F and associated material list:

On CLIP 08114-91031, table A-6 Parts List, change to read:

B-3907	A6	C627	0160-4031	CAP 330pF 100V
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MANUAL CHANGE 10

On CLIP 08114-91031, table A-6, change to read:

4136	A6	C627	0160-4365	C.fxd 470pF/100V
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MANUAL CHANGE 11

On Table A-4 Parts List, change to read:

C-4310	A4	Q404,405 Q504,505	1855-1778	STW12NC60
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MANUAL CHANGE 12

On Table A-6, Parts List, change to read:

B-4339	A6	C624	0140-0145	CAP 22pF 500V
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