

Supersedes:
5345A-10

**HP MODEL 5345A
A4 INPUT TRIGGER ASSEMBLY (05345-60004)
Serial Prefixes 1708 and Below
RESISTOR CHANGES**

Resistors A4R15 and A4R18 are not capable of dissipating the additional power required by some versions of the Schmitt trigger ICs. The resistor values have also been changed for easier bias adjustment of the Schmitt triggers.

Delete: A4R15 and A4R18 RF 360 Ω 2% .125W 0757-0913
Add: A4R15 and A4R18 RF 301 Ω 1% .250W 0750-0334*

DIRECTIONS:

R15 and R18 should be mounted in the vertical or stand-up position. The top lead, which is the longest, should be soldered in the hole farthest away from the IC so as not to induce extra capacitance on the IC input. Insulation should be used on the top lead as a safeguard against shorts.

This change should be performed on all 5345As with serial prefix 1708 and below that are sent in for repair. Record the changes in your operating and service manual.

* Note: If by this addition A4 bias adjustment can't meet the 800 mV \pm 50 mV specifications, the value of A4R15 (Channel A) or A4R18 (Channel B) may have to be increased. An increase of approximately 10 Ω increases adjustment range of A4R16 or A4R19 approximately 100 mV. For your convenience, the following list gives the HP Part # for .25W resistors from 309 Ω to 392 Ω .

309 Ω	1%	.25W	0757-0335
316 Ω	1%	.25W	0698-0087
324 Ω	1%	.25W	0698-4584
340 Ω	1%	.25W	0757-0336
348 Ω	1%	.25W	0698-4585
357 Ω	1%	.25W	0698-4586
365 Ω	1%	.25W	0757-0723
374 Ω	1%	.25W	0698-4587
383 Ω	1%	.25W	0698-4588
392 Ω	1%	.25W	0757-0724

DD/mh/WO

02-12/79



For more information contact a local Hewlett-Packard Office. (Hewlett-Packard has 200 Sales and Service Offices in 75 countries).
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