

SUPERSEDES:
8671B-03

HP MODEL 8671B SYNTHESIZED SIGNAL GENERATOR

All Serials

PREFERRED REPLACEMENT FOR PRECISION RESISTORS

The precision resistors listed in this change are the preferred replacement. This change is being made to improve the reliability of circuits using precision resistors. The preferred replacement precision resistors are thin film and much more reliable.

The precision resistors should be replaced with the new type only if the resistor has failed. It is not the intent of this change to remove all resistors, but only the ones that have failed.

Readjustment of the circuits involved in this change may be necessary. Be sure to update the parts list in the operating and service manual with the new part numbers.

Preferred replacement by assembly

The following tables list the preferred replacement parts by assembly within the HP 8671B Synthesized Signal Generator.

Table 1. A1A6 Detector Board Assembly (08672-60197)

CIRCUIT SYMBOL	OLD	NEW	DESCRIPTION
R37	0811-3249	0699-2422	RF-17.74K 0.1%
R40	0811-3202	0699-2376	RF-30.615K 0.1%
R41	0811-1176	0699-0780	RF-10K 0.1%

E/OF/WO

05/88-04/DS

Table 4. A3A5 Digital to Analog Converter Assembly (86701-60015)

CIRCUIT SYMBOL	OLD	NEW	DESCRIPTION
R1	0811-3404	0698-8478	RF-3.5K 0.1%
R2	0811-3358	0699-2379	RF-7.2K 0.1%
R11	0811-3357	0699-2378	RF-6.25K 0.1%
R14	0811-3359	0699-2373	RF-12.5K 0.1%
R15	0811-3357	0699-2378	RF-6.25K 0.1%
R17	0811-3359	0699-2373	RF-12.5K 0.1%
R19	0811-3359	0699-2373	RF-12.5K 0.1%
R21	0811-3360	0699-0104	RF-25K 0.1%
R23	0811-3361	0699-0473	RF-50K 0.1%
R25	0811-2919	0699-0790	RF-100K 0.1%
R26	0811-2037	0698-3762	RF-2.4K 0.5%
R27	0811-3235	0699-2447	RF-7.5K 1.0%
R30	0811-1185	0699-0144	RF-10K 0.01%
R31	0811-3359	0698-2373	RF-12.5K 0.1%
R32	0811-3138	0699-0104	RF-25K 1.0%
R33	0811-0647	0699-0473	RF-50K 0.1%
R35	0811-3362	0699-0143	RF-825 0.1%
R37	0811-3359	0699-2373	RF-12.5K 0.1%
R51	0811-3356	0699-0305	RF-5.9K 0.1%
R55	0811-3325	0699-2374	RF-312 1.0%