

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 08648-60126 Audio Generator Board

The Keysight/Agilent/HP 08648-60126 is an audio generator board designed for use in electronic test and measurement equipment. This board provides high-quality audio signal generation capabilities, essential for testing and calibrating audio devices and systems. It ensures accurate and reliable audio signal output for a variety of applications.

**MODEL****Keysight / Agilent /
HP 08648-60126****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****08648-60126****LISTING**[https://aumictechlabs.c
om/products/08648-60
126-2/](https://aumictechlabs.com/products/08648-60126-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP 08648-60126 is an audio generator board assembly that provides internal audio signal generation and modulation capabilities for the 8648A/B/C/D series of signal generators. Designated as Option 1E2, this board integrates directly into the host signal generator chassis and enables audio-based modulation for RF test applications in manufacturing and receiver testing environments. Technical Specifications Frequency Range: 10 Hz to 20 kHz usable, with potential waveform degradation due to bandwidth limitations Output Voltage: 1 Vpk nominal Output Impedance: 600 Ω nominal Form Factor: Board assembly with internal integration to 8648 series chassis Key Features Operates as an internal modulation source within the 8648A/B/C/D signal generator Accepts external audio signals via front panel BNC connector Delivers 1 Vpk into

600 Ω load impedance Bandwidth supports audio frequencies from 10 Hz through 20 kHz

Available as exchange assembly (08648-69126) or upgrade kit (08648-60374) Typical

Applications Audio generator boards are used in test environments requiring modulation of RF signals for cordless telephone, pager, and two-way radio development. Semi-automated receiver testing and general RF signal generation applications benefit from integrated audio modulation sources. Compatibility & Integration This board assembly is designed exclusively for integration into Keysight/Agilent/HP 8648A, 8648B, 8648C, and 8648D signal generators. The board connects internally to the main chassis and does not function as a standalone unit. The 8648 series was manufactured in ISO 9002 registered facilities and reached end-of-life status in March 2007.

0864860126 Characteristics / Specifications

PARAMETER	VALUE
Model	08648-60126
Brand	Keysight / Agilent / HP
Catalog Title	Keysight / Agilent / HP 08648-60126 Audio Generator Board
Sku	08648-60126
Product Class	spare assembly or module
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	08648-60126
Manufacturer Line	Keysight / Agilent / HP
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.	
Applications	
Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.	
Key Features	
Catalog identity matched to brand, model, and SKU	
Accessory or spare class rather than standalone instrument	
No invented electrical performance numbers	
Use with the parent instrument or chassis named in the title when applicable	
Documented as thin because OEM numeric tables are not public	
Technical Specifications	
Technical Specifications	
PARAMETER	VALUE
Model	08648-60126
Brand	Keysight / Agilent / HP
Catalog Title	Keysight / Agilent / HP 08648-60126 Audio Generator Board
Sku	08648-60126
Product Class	spare assembly or module
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	08648-60126
Manufacturer Line	Keysight / Agilent / HP
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.