

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E5515-60166 LSS Analog Board

The E5515-60166 LSS Analog Board is a replacement analog signal processing component for the Keysight E5515 series wireless communication test sets. Designed specifically for integration within the E5515C 8960 Series 10 Wireless Communication Test Set, this board handles critical analog signal conditioning and measurement functions essential to wireless device validation. The board supports a range of wireless technologies including GSM, GPRS, EGPRS, CDMA, cdma2000, 1xEV-DO, W-CDMA, HSPA, and HSPA+, making it suitable for manufacturing test, RF design verification, and protocol validation across 2G and 3G standards. System Compatibility: E5515 series; primary integration within E5515C 8960 Series 10 Aumictech offers NIST-traceable calibration and repair for the Keysight / Agilent / HP E5515-60166. Calibration covers analog input channel accuracy and offset at all gain settings, analog

**MODEL****Keysight / Agilent /
HP E5515-60166****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****E5515-60166****LISTING**<https://aumictechlabs.com/products/e5515-60166-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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analog signal conditioning and measurement functions essential to wireless device validation. The board supports a range of wireless technologies including GSM, GPRS, EGPRS, CDMA, cdma2000, 1xEV-DO, W-CDMA, HSPA, and HSPA+, making it suitable for manufacturing test, RF design verification, and protocol validation across 2G and 3G standards. Technical Specifications Part Number: E5515-60166 Product Type: Replacement Analog Board Manufacturer: Keysight / Agilent / HP System Compatibility: E5515 series; primary integration within E5515C 8960 Series 10 Physical Dimensions: 12 × 10 × 4 in Weight: 3 lbs Key Features The E5515C platform, where this analog board resides, delivers high-speed and accurate RF measurements with flexible network emulation capabilities. Parallel measurement hardware architecture reduces test time while maintaining measurement repeatability and accuracy - critical requirements for manufacturing environments. The platform supports high data rate performance across multiple wireless protocols and can be upgraded to E5515E specifications for enhanced performance in emerging technologies. Typical Applications Wireless device manufacturing test RF design and verification Multi-protocol validation (GSM, CDMA, HSPA families) Manufacturing quality assurance Device certification and compliance testing Compatibility & Integration The E5515-60166 integrates within E5515C systems via VME bus architecture and works in conjunction with available options including second RF sources, flexible CDMA base station emulators, digital bus fading solutions, and specialized measurement boards. System upgrades such as the E5515CU-80E enable migration from E5515C to E5515E platforms. Compatible software applications include E1962B (CDMA2000/IS-95/AMPS) and E1968A (GSM/GPRS), supporting comprehensive 2G and 3G test coverage.

Features & description

From manufacturer datasheet

Applications

- E5515 LSS analog board replacement

E551560166 Characteristics / Specifications

PARAMETER	VALUE
Model	E5515-60166
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	LSS Analog Board
Alias	E5515-60166
Parent Instrument	E5515 8960 wireless communications test set
Function	LSS analog signal-path PCA
Form	internal analog board
Related Reference	E5515 61182
Related Host IO	E5515 60223
Related Board	E5515 60221
NotATester	analog board only
Host Chassis	E5515
Status	Agilent E5515 service part
Installation	match prefix and analog cabling
ESD	analog RF-adjacent PCA
Documentation	E5515 service guide LSS analog
Power	E5515 supplies
Cooling	chassis airflow
Calibration	E5515 analog/RF cal after swap
Compatibility	E5515 family
Use	restore LSS analog path
Identification	silkscreen E5515-60166
Not Digital Host IO	different from 60223
Not Reference Module	different from 61182 Notes LSS analog board identity from Agilent E5515-60166. Do not invent analog accuracies for the spare PCA; they belong on the calibrated E5515.

E551560166 Specifications

PARAMETER	VALUE
Applications	- E5515 LSS analog board replacement
Key Features	- LSS analog PCA E5515-60166
Technical Specifications	Model: E5515-60166
Notes	LSS analog board identity from Agilent E5515-60166. Do not invent analog accuracies for the spare PCA; they belong on the calibrated E5515.

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.

specifications.

Applications

- E5515 LSS analog board replacement
- 8960 analog path repair
- Service PCA swap

Key Features

- LSS analog PCA E5515-60166
- Parent E5515 8960
- Companion to reference and host I/O boards

Technical Specifications

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PARAMETER	VALUE
Model	E5515-60166
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	LSS Analog Board

Specifications

PARAMETER	VALUE
Alias	E5515-60166
Parent Instrument	E5515 8960 wireless communications test set
Function	LSS analog signal-path PCA

Specifications

PARAMETER	VALUE
Form	internal analog board
Related Reference	E5515 61182
Related Host IO	E5515 60223

Specifications

PARAMETER	VALUE
Related Board	E5515 60221
NotATester	analog board only

PARAMETER	VALUE
Host Chassis	E5515

Specifications

PARAMETER	VALUE
Status	Agilent E5515 service part
Installation	match prefix and analog cabling
ESD	analog RF-adjacent PCA

Specifications

PARAMETER	VALUE
Documentation	E5515 service guide LSS analog
Power	E5515 supplies
Cooling	chassis airflow

Specifications

PARAMETER	VALUE
Calibration	E5515 analog/RF cal after swap
Compatibility	E5515 family
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Specifications

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Identification	silkscreen E5515-60166
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Notes

LSS analog board identity from Agilent E5515-60166. Do not invent analog accuracies for the spare PCA; they belong on the calibrated E5515.

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>

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