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Data Sheet

August 2, 2026

FUJITSU

Fujitsu CGB408 Power Supply Board

The Fujitsu CGB408 (catalog model CGB408000-13) is a legacy Fujitsu microwave GaAs FET amplifier module. Despite some listing titles wording it as a "Power Supply Board," the CGB408000-xx family is a wideband RF power amplifier module used in microwave equipment, typically with SMA RF connectors and a single +10 V DC supply. Related CGB408000-01 units are commonly described for about 4-8 GHz (some measured about 3-8 GHz) with roughly 18-23 dB gain class and case heatsinking. Exact published OEM datasheets for CGB408000-13 are scarce; quote measured band/gain only when verified on the unit. Microwave transmitter/receiver chains; laboratory and amateur microwave amplification in the C-band class; spare/replacement GaAs FET amplifier modules from Fujitsu microwave assemblies. P1dB (related -01 measurements): about +22 dBm class Physical: compact metal module with integral heatsink case Apply correct +10 V DC polarity and current capability. Provide adequate heatsinking via the case. Use appropriate attenuators when characterizing to protect instruments. Do not treat as a main AC power-supply PCB. User/catalog title "Power Supply Board" reflects listing wording; OEM identity is the CGB408000-13 microwave amplifier. Confirm faceplate CGB408000-13 vs other CGB408000 suffixes.



MODEL

**Fujitsu
CGB408000-13**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

CGB408000-13

LISTING

<https://aumictechlabs.com/products/cgb408000-13-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fujitsu CGB408000-13 is a component meticulously crafted for integration within Fujitsu computer systems. Adhering to stringent quality control measures, this component guarantees seamless compatibility and dependable operation within designated Fujitsu environments. Its design reflects Fujitsu's commitment to precision and reliability, essential for maintaining optimal system performance.

Features & description

From manufacturer datasheet

Features

- Fujitsu CGB408000-13 GaAs FET microwave amplifier module
- Catalog/listing title may say "Power Supply Board" – hardware is RF amplifier class
- Single +10 V DC supply (family)
- SMA RF input/output (family listings)
- Case acts as heatsink
- Related: CGB408000-01 (about 4-8 GHz class dealer measurements)

CGB408000 Characteristics / Specifications

PARAMETER	VALUE
Model	CGB408 / CGB408000-13
Manufacturer	Fujitsu
Instrument Type	GaAs FET microwave amplifier module
Supply	+10 V DC single supply (family)
RF Connectors	SMA (F) class (family)
Gain (related dealer measurements)	about 18-23 dB class
Physical	compact metal module with integral heatsink case Standard Operating Conditions Apply correct +10 V DC polarity and current capability. Provide adequate heatsinking via the case. Use appropriate attenuators when characterizing to protect instruments. Do not treat asamains AC power-supply PCB.
Related	CGB408000-01 (about 4-8 GHz class dealer measurements)

CGB408000 Specifications

PARAMETER	VALUE
Fujitsu CGB408 Power Supply Board	Overview
Key Features	- Fujitsu CGB408000-13 GaAs FET microwave amplifier module
Technical Specifications	Model: CGB408 / CGB408000-13

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

Specifications

PARAMETER	VALUE
Model	CGB408 / CGB408000-13
Manufacturer	Fujitsu
Instrument Type	GaAs FET microwave amplifier module
Supply	+10 V DC single supply (family)
RF Connectors	SMA (F) class (family)

Frequency (related -01 dealer measurements): about 3-8 GHz / 4-8 GHz class
Gain (related dealer measurements): about 18-23 dB class
P1dB (related -01 measurements): about +22 dBm class
Physical: compact metal module with integral heatsink case

Standard Operating Conditions
Apply correct +10 V DC polarity and current capability. Provide adequate heatsinking via the case. Use appropriate attenuators when characterizing to protect instruments. Do not treat as mains AC power-supply PCB.

Operational Notes
User/catalog title "Power Supply Board" reflects listing wording; OEM identity is the CGB408000-13 microwave amplifier. Confirm faceplate CGB408000-13 vs other CGB408000 suffixes.

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
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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.