

**Aumictech**

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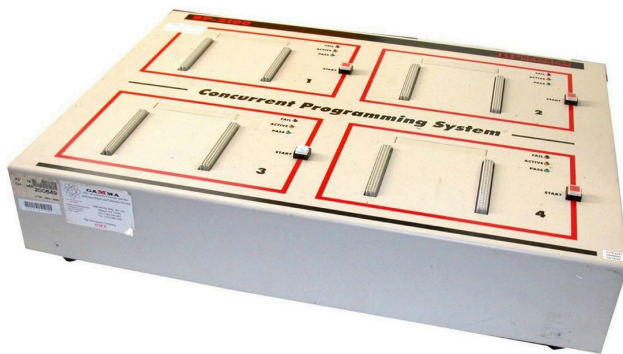
Data Sheet

August 15, 2026

BP MICROSYSTEMS

BP Microsystems BP-2100 Universal Programmer

The BP Microsystems BP-2100/84×4 is a concurrent programming system engineered for high-volume production environments. This system can program and test complex devices, including microcontrollers and memory devices, with a focus on maximizing throughput and minimizing programming costs. Its architecture is based on the proven BP-1200 design, ensuring speedy, reliable, and independent programming at each socket. The BP-2100/84×4 supports concurrent programming, allowing it to program 4 to 16 devices simultaneously. This means that as soon as a device is inserted into a socket, programming begins, and by the time the last socket is filled, the first device is often complete, enabling continuous operation with operators or automated handlers. This makes it particularly effective for programming devices with long programming times or a wide variety of device types. At Aumictech, we special



MODEL

**BP Microsystems
BP-2100/84×4**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

BP-2100/84×4

LISTING

<https://aumictechlabs.com/products/bp-2100-84x4-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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programming, allowing it to program 4 to 16 devices simultaneously. This means that as soon as a device is inserted into a socket, programming begins, and by the time the last socket is filled, the first device is often complete, enabling continuous operation with operators or automated handlers. This makes it particularly effective for programming devices with long programming times or a wide variety of device types.

Technical Specifications

- * Programming Capability:** Concurrent programming of 4 to 16 complex devices.
- Architecture Basis:** Electronics based on the proven BP-1200 design.
- Programming Speed & Reliability:** Speedy, reliable, and independent programming on each socket.
- Device Support:** Designed for complex devices, including Intel® Flash memories, microcontrollers, and programmable logic devices.
- Flexibility:** Capable of handling a wide variety and large number of devices.
- Throughput:** Offers significant improvements in throughput compared to alternative solutions.
- Ideal Applications:** Programming complex devices with slow programming times, programming unusual memory or microcontrollers, and programming Intel® Flash memory components.

Interfaces

- * Communication Interface:** Connects to a standard parallel printer port (parallel printer port, standard, bi-directional, or enhanced).
- Serial Interface:** Available for data download/upload, typically connecting to a computer's serial port.

Physical

- * Dimensions (BP-1200 as a reference):** 24cm L x 17.5cm D x 12.7cm H (9.5" L x 7" D x 5" H).
- Mass (BP-1200 as a reference):** 2.7kg (6 lbs).

Compatibility

- * Operating System (BP-1200 as a reference):** MSDOS, MS Windows.
- Socket Modules:** Supports universal PLCC, standard PLCC, PGA, QFP, SOIC, TSOP, LCC, µBGA, and PCMCIA.
- File Types:** Supports binary, Intel, JEDEC, Motorola, POF, straight hex, hex-space, Texhex, Extended Texhex, and others.
- Device Support (BP-1200 as a reference):** Supports many of the latest programmable devices, including complex PLDs, FPGAs, PALs, and microcontrollers.

Legacy Status

- * End of Life:** The BP-2100 series was discontinued by BP Microsystems, with software, hardware, repair, and calibration support ended.

Why Choose Aumictech for BP Microsystems BP-2100/84×4? At Aumictech, we specialize in sourcing and supplying high-end B2B industrial equipment. Whether you need to identify legacy or specialized programming systems, access technical documentation, or understand component compatibility for your high-volume production needs, our team ensures you can effectively evaluate and integrate solutions like the BP Microsystems BP-2100/84×4 for your application.

BP210084X4 Characteristics / Specifications

PARAMETER	VALUE
Model	BP-2100
Instrument Type	universal programmer
Manufacturer	BP Microsystems
Form Factor	benchtop programmer
Application Class	device programming
System Role	universal programmer
Use Case	memory MCU PLD programming
Documentation Type	OEM BP-2100 listing
Socket Class	84×4 class on the remaining queue SKU
Architecture	socket module
Host Interface	BP-2100 host link on the sheet
Device Support Class	memory, MCU, PLD
Brand Lineage	BP Microsystems
Literature	BP Microsystems BP-2100 universal programmer literature
Power Class	BP-2100 mains on the sheet
Pin Driver Class	BP-2100 pin drivers on the sheet
Voltage Class	programming voltages on the sheet
Speed Class	BP-2100 programming speed on the sheet
Operating Class	benchtop laboratory/production
Calibration Class	pin driver calibration
Software Class	BP software
Mounting Class	benchtop
Connector Class	socket module interface
Family	BP-2100

BP210084X4 Specifications

PARAMETER	VALUE
Applications	Device programming of memory, MCU, and PLD in engineering and production.
Socket module architecture	BP-2100 family
Engineering and production programming	84×4 socket class in this SKU
Technical Specifications	Model: BP-2100

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	
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Notes

From BP Microsystems BP-2100 universal programmer listings. Pin driver count, voltages, and socket module ratings are on the BP-2100 sheet; do not invent pin counts. Queue SKU is BP-2100/84x4.

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

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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.