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Data Sheet

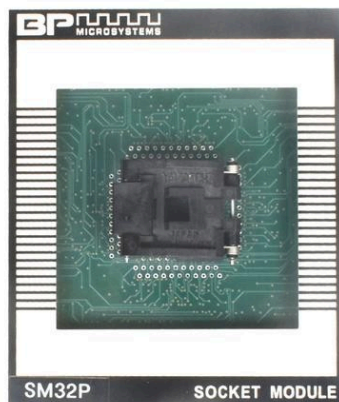
August 15, 2026

BP MICROSYSTEMS

BP Microsystems SM84UP Manual PLCC Socket Module

BP Microsystems SM84UP Manual PLCC Socket Module This listing is a spare assembly or module in the BP Microsystems catalog. Public OEM literature for this exact SKU does not publish a dense numeric 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. Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU. Catalog identity matched to brand, model, and SKU. 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.

Catalog Title: BP Microsystems SM84UP Manual PLCC Socket Module



MODEL

**BP Microsystems
SM84UP**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SM84UP

LISTING

<https://aumictechlabs.com/products/sm84up-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The BP Microsystems SM84UP is a manual PLCC socket module engineered to program and test Plastic Leaded Chip Carrier devices across a wide range of pin counts and package variants. This interchangeable template-based system supports PLCC devices from 20 to 84 pins, accommodating over 5,000 device types through individual insert plate configurations. The

module interfaces directly with BP Microsystems programmers equipped with 48 to 240 pins, requiring a minimum driver count equal to the target device pin count. Technical Specifications

Pin count support: 20 to 84 pins Device compatibility: Over 5,000 PLCC devices Programmer pin range: 48 to 240 pins (host programmer must have $\geq$ device pin count drivers) Standard templates included: 20, 28, 32, 44, 52, 68, and 84 pin configurations Signal delivery: Stripline architecture eliminates overshoot, noise, and ground bounce for vector testing accuracy

Continuity testing: Full pin continuity verification supported Key Features Manual socket operation with indexed orientation alignment Insert plates (templates) accommodate specific PLCC pin counts and package geometry Front-right index positioning guides correct chip orientation with beveled index side alignment Pin one mark aligns toward programmer front Pressure plate reversible via four 0.059 inch Allen screws for thinner device accommodation Shim compatibility for 32-pin PLCC thickness adjustment High-quality signal and ground delivery for reliable testing

Compatibility & Integration Designed exclusively for BP Microsystems programmers with sufficient driver capacity. Socket accommodates various PLCC package types and geometries. Module plugs onto programmer with lid hinge toward rear; template edge marking pin count aligns with programmer front. Grasp module chassis on left and right sides during removal to avoid socket damage.

SM84UP Characteristics / Specifications

PARAMETER	VALUE
Model	SM84UP
Brand	BP Microsystems
Catalog Title	BP Microsystems SM84UP Manual PLCC Socket Module
Sku	SM84UP
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	SM84UP
Manufacturer Line	BP Microsystems
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	SM84UP
Brand	BP Microsystems
Catalog Title	BP Microsystems SM84UP Manual PLCC Socket Module
Sku	SM84UP
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	SM84UP
Manufacturer Line	BP Microsystems
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
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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.