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Data Sheet

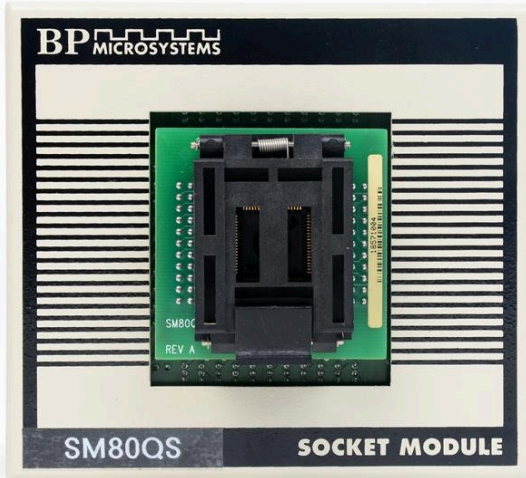
August 15, 2026

BP MICROSYSTEMS

BP Microsystems SM80QS Manual System QFP Socket Modules

BP Microsystems SM80QS Manual System QFP Socket Modules 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 SM80QS Manual System QFP Socket Modules



MODEL

**BP Microsystems
SM80QS**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SM80QS

LISTING

<https://aumictechlabs.com/products/sm80qs-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The BP Microsystems SM80QS is a manual system QFP socket module engineered for programming and testing 80-pin Quad Flat Package integrated circuits. This accessory interfaces directly with BP Microsystems device programmers, delivering the signal integrity and ground connectivity required for reliable device characterization and low-volume production workflows.

The SM80QS enables manual insertion and removal of QFP devices, making it suitable for development environments where rapid device changes take precedence over automated handling. Technical Specifications Package Type: QFP (Quad Flat Package) Pin Count: 80 pins Product Type: Manual System Socket Module Series: QFP Series Socket Modules Manufacturer: BP Microsystems Condition: Used; tested and functional with minor cosmetic wear Key Features High-quality signal integrity and ground connections for accurate device interfacing Manual operation eliminates complexity for prototype and small-batch applications Direct compatibility with BP Microsystems programmer ecosystem Prioritizes signal integrity essential for reliable programming and device testing Typical Applications Microcontroller programming and verification Memory device (E/EPROM, flash EPROM) characterization PLD, CPLD, and FPGA development and testing Low-volume production programming Engineering prototype validation Compatibility & Integration The SM80QS integrates with BP Microsystems device programmers, part of a modular socket architecture supporting multiple QFP pin counts (44 to 240 pins) and related package types including PQFP. This modular design allows technicians and engineers to configure programmer systems for diverse device families without replacing core hardware.

SM80QS Characteristics / Specifications

PARAMETER	VALUE
Model	SM80QS
Brand	BP Microsystems
Catalog Title	BP Microsystems SM80QS Manual System QFP Socket Modules
Sku	SM80QS
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	SM80QS
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	SM80QS
Brand	BP Microsystems
Catalog Title	BP Microsystems SM80QS Manual System QFP Socket Modules
Sku	SM80QS
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	SM80QS
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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<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.