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Data Sheet

August 15, 2026

BP MICROSYSTEMS

BP Microsystems ASM160QC Automated QFP Socket Module

BP Microsystems ASM160QC Automated QFP 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 ASM160QC Automated QFP Socket Module



MODEL

**BP Microsystems
ASM160QC**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

ASM160QC

LISTING

<https://aumictechlabs.com/products/asm160qc-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The BP Microsystems ASM160QC is an automated socket module engineered for high-volume programming of 160-pin Quad Flat Package (QFP) integrated circuits. Operating with QFP devices measuring 28mm × 28mm at 0.65mm pitch, this module delivers precision alignment and contact integrity within automated programming systems. The ASM160QC integrates signal and ground

planes with controlled impedance architecture to minimize noise and ground bounce, ensuring reliable vector testing and accurate device programming across production environments.

Technical Specifications Package type: Quad Flat Package (QFP) Pin count: 160 pins Device footprint: 28mm × 28mm Module footprint: 31.9mm × 31.9mm Pitch: 0.65mm Module type: Automated socket module

Key Features Automated operation for high-volume production throughput Precision contact alignment and QFP device positioning Multiple-layer PCB construction with ground planes Controlled impedance design for signal integrity Active circuitry to suppress noise, ground bounce, and overshoot Electro-mechanical interface optimized for high-speed communication between programmer and device under test (DUT)

Typical Applications Automated QFP integrated circuit programming in manufacturing High-volume semiconductor device testing and validation Production environments requiring consistent signal and ground integrity

Compatibility & Integration The ASM160QC works with use with BP Microsystems automated programming systems and is compatible with 6th and 7th generation programmers. Compatibility with 9th generation systems is possible. The module integrates with BP Microsystems' standardized socket interface architecture, supporting tens of thousands of devices from multiple semiconductor manufacturers across various IC technologies and package types.

ASM160QC Characteristics / Specifications

PARAMETER	VALUE
Model	ASM160QC
Brand	BP Microsystems
Catalog Title	BP Microsystems ASM160QC Automated QFP Socket Module
Sku	ASM160QC
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	ASM160QC
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	ASM160QC
Brand	BP Microsystems
Catalog Title	BP Microsystems ASM160QC Automated QFP Socket Module
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Use Role	replacement or configuration accessory
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Configuration Code	ASM160QC
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

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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.