

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

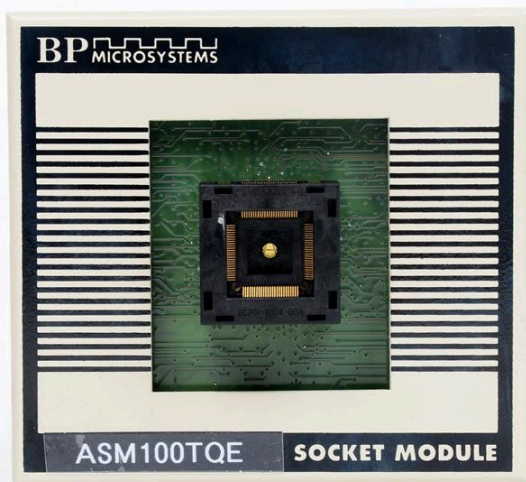
Data Sheet

August 15, 2026

BP MICROSYSTEMS

BP Microsystems ASM100TQE QFP Socket Module

BP Microsystems ASM100TQE 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 ASM100TQE QFP Socket Module



MODEL

**BP Microsystems
ASM100TQE**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

ASM100TQE

LISTING

<https://aumictechlabs.com/products/asm100tqe-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The BP Microsystems ASM100TQE is a 100-pin QFP socket module engineered to interface with BP Microsystems device programmers for semiconductor programming and testing. This electro-mechanical interface connects programmable devices directly to the programmer, delivering high-quality signal integrity and reliable ground connections essential for accurate operations. The

module features design number 008 with contacts on all four sides, supporting low-voltage devices down to 2.7V. High insertion count (HIC) sockets rated from 200,000 to 300,000 insertions with replaceable pogo pins extend operational life in production environments. Optional receptacle-base configurations allow replacement of individual consumable sockets to reduce overall programming costs. Technical Specifications Model: ASM100TQE Package Type: Quad Flat Package (QFP) Pin Count: 100 pins Sides with Contacts: 4 Design Number: 008 Insertion Rating: 200,000 to 300,000 insertions (HIC sockets) Voltage Support: Down to 2.7V Continuity Testing: 100% per-pin continuity verification on Vcc, ground, and signal pins prior to programming Key Features High-quality signal transmission with minimized noise, ground bounce, and overshoot Replaceable pogo pins extend module service life Receptacle-base option enables individual socket replacement 100% continuity testing on all pin types before each operation Optimized for both manufacturing and development environments Typical Applications QFP device programming and testing High-volume production environments requiring extended socket life Low-voltage semiconductor device support (2.7V and above) Applications requiring vector testing with clean waveform signals Compatibility & Integration Designed for exclusive use with BP Microsystems programmers, including 7th, 8th, and 9th generation universal programmer systems. Socket modules in the ASM100TQE series are generally interchangeable across compatible BP Microsystems platforms.

ASM100TQE Characteristics / Specifications

PARAMETER	VALUE
Model	ASM100TQE
Brand	BP Microsystems
Catalog Title	BP Microsystems ASM100TQE QFP Socket Module
Sku	ASM100TQE
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	ASM100TQE
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	ASM100TQE
Brand	BP Microsystems
Catalog Title	BP Microsystems ASM100TQE QFP Socket Module
Sku	ASM100TQE
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	ASM100TQE
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.