

INDUSTRIAL COMPONENT DATA

STC-MBS52U3V 3Z4S7658H STCMBS52U3V OMRON USB 3.0 Area Scan Camera, 0.5 MP, Monochrome, IMX426, 1/1.7", 9 um,...

Brand: OMRON | Manufacturer Part Number: STC-MBS52U3V



Manufacturer	OMRON
MPN / Reference	STC-MBS52U3V
Catalog number	STCMBS52U3V
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-E43713BE9F
Generated	2026-08-05

Product Overview

USB 3.0 Area Scan Camera, 0.5 MP, Monochrome, IMX426, 1/1.7", 9 um, 714 fps, Global Shutter, C-Mount, with Housing
USB 3.0 Area Scan Camera, 0.5 MP, monochrome, IMX426, 1/1.7", 9 µm, 714 fps, global shutter, C Mount, cased

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON
--------------	-------

Additional Product Information

Specifications

Camera type Monochrome

Number of pixels 0.5 MP

Interface USB 3.0

Lens mount C-mount

Shutter type Global

Image width 816 pixels

Image height 624 pixels

Image sensor format 1/1.7"

Image sensor type IMX426

Pixel size 9 µm

Frame rate 721.5 fps

Optical filter None
Lens type Not Applicable
Scan type Area scan
Material housing Aluminium, black
ETIM for 723090 Sensors (EC004672)
Feature Name
Feature Value
Model (EF000010)
Camera
Voltage type (EF000187)
DC
Type of interface (EF006977)
Other
Number of outputs, signalling function, undelayed, with contact (EF003348)
0
Number of outputs, signalling function, undelayed, semiconductors (EF003350)
0

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / STC-MBS52U3V with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.