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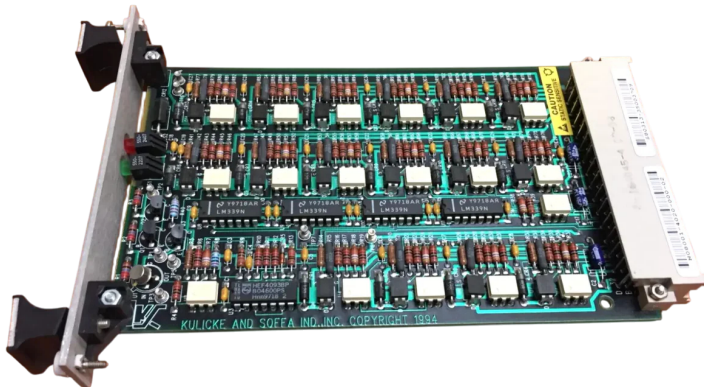
Data Sheet

August 3, 2026

KULICKE AND SOFFA

KULICKE AND SOFFA N8001-4020-000-02 Bonder Board Card

Manufacturer: Kulicke and Soffa Industries Instrument Type: Bonder Board Card (equipment spare) Alias: N8001402000002; N8001-4020; K&S Bonder Board 4020-000-02 Form Factor: Plug-in / chassis bonder control or interface card for host K&S equipment Instrument Type: Bonder Board Card (equipment spare) Alias: N8001402000002; N8001-4020; K&S Bonder Board 4020-000-02 Form Factor: Plug-in / chassis bonder control or interface card for host K&S equipment Published standalone electrical specifications for this exact bonder board P/N are not generally released as a public instrument datasheet. Functional limits are defined by the host K&S machine service documentation and board markings. Do not invent rail voltages, FPGA codes, or connector pinouts.

**MODEL****Kulicke and Soffa
N8001-4020-000-
02****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****N8001-4020-000-
02****LISTING**<https://aumictechlabs.com/products/n8001-4020-000-02-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The KULICKE AND SOFFA N8001-4020-000-02 is a Bonder Board Card (SOL. DRVR Module) engineered for Kulicke & Soffa wire bonding equipment. This control board facilitates communication and signal routing within K&S bonding machines, enabling precise semiconductor

assembly operations. The card maintains system functionality across demanding production environments and is integral to the K&S ball bonder platform that supports reduced pad pitch and enhanced wire bonding productivity. Technical Specifications Manufacturer: Kulicke & Soffa Industries Inc. Model Number: N8001-4020-000-02 Part Number (MPN): N08001-4020-000-02 Component Type: Bonder Board Card, SOL. DRVR Module Weight: 0.2 kg Condition: Used, operational - cosmetic wear consistent with field service

Key Features Designed specifically for the K&S 8028 bonding machine platform Handles inter-board communication and control signal distribution Supports wire bonding operations with consistent electrical performance Enables precise positioning and process control during IC assembly

Typical Applications Semiconductor interconnect automation in high-volume production Wire bonding control and signal management Pad pitch reduction and yield optimization in IC manufacturing

Compatibility & Integration This board integrates with the K&S 8028 bonding system and is part of the broader Kulicke & Soffa semiconductor assembly equipment line. It is a critical functional element within the machine's control architecture, supporting reliable operation across production cycles.

Features & description

From manufacturer datasheet

Features

- Manufacturer: Kulicke and Soffa (K&S) • Part Number: N8001-4020-000-02 • Assembly class: Bonder Board Card • Intended use: machine-installed electronics spare

N80014020000 Characteristics / Specifications

PARAMETER	VALUE
Model / P/N	N8001-4020-000-02
Manufacturer	Kulicke and Soffa Industries
Instrument Type	Bonder Board Card (equipment spare)
Alias	N8001402000002; N8001-4020; K&S Bonder Board 4020-000-02 Identification
Full Part Number	N8001-4020-000-02
Form Factor	Plug-in / chassis bonder control or interface card for host K&S equipment Electrical / Functional Specs Published standalone electrical specifications for this exact bonder board P/N are not generally released as a public instrument datasheet. Functional limits are defined by the host K&S machine service documentation and board markings. Do not invent rail voltages, FPGA codes, or connector pinouts.
Part Number	N8001-4020-000-02
Assembly class	Bonder Board Card
Intended use	machine-installed electronics spare

N80014020000 Specifications

PARAMETER	VALUE
Applications	OEM spare/replacement bonder board for systems that call out N8001-4020-000-02 in the BOM or service parts list.
Technical Specifications	Model / P/N: N8001-4020-000-02
Identification	Full Part Number: N8001-4020-000-02
Compatibility	Match the complete P/N including N8001 prefix and -000-02 suffix. Do not substitute based on bare "4020" tokens alone.

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.

Specifications

Specifications

PARAMETER	VALUE
Model / P/N	N8001-4020-000-02
Manufacturer	Kulicke and Soffa Industries
Instrument Type	Bonder Board Card (equipment spare)
Alias	N8001402000002; N8001-4020; K&S Bonder Board 4020-000-02

Identification

Full Part Number: N8001-4020-000-02

Form Factor: Plug-in / chassis bonder control or interface card for host K&S equipment

Electrical / Functional Specs

Published standalone electrical specifications for this exact bonder board P/N are not generally released as a public instrument datasheet. Functional limits are defined by the host K&S machine service documentation and board markings. Do not invent rail voltages, FPGA codes, or connector pinouts.

Compatibility

Match the complete P/N including N8001 prefix and -000-02 suffix. Do not substitute based on bare “4020” tokens alone.

Operational Notes

Handle as ESD-sensitive electronics. Installation and configuration belong in the K&S machine service procedure for the specific bonder model.

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.