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Microcircuit, Digital

5962-01-059-2644

NSN 5962-01-059-2644 · NIIN 010592644 · Part number 2786029-1

Honeywell Intl Inc Defense Avionics Systems · FSC 5962 — Microcircuits, Electronic · FSG 59 — Electrical and Electronic Equipment Components · CAGE 55972

GOVERNMENT RECORD, CITED

NSN 5962-01-059-2644 — this item is cataloged by the U.S. Government under National Stock Number 5962-01-059-2644. Manufacturer of record part number: **2786029-1**.

ALSO SEARCHED AS 5962-01-059-2644 · 5962010592644 · NIIN 010592644 · 01-059-2644 · FSC 5962 Microcircuits, Electronic · CAGE 55972 · 2786029-1 · SNC54LS02J/883B · S54LS02/BCA · RB54LS02F/883B

NEARBY STOCK NUMBERS [← 5962-01-059-2593](#) · [5962-01-059-2972 →](#)

FEATURES

- Microcircuit,digital — FSC 5962
- Input Circuit Pattern: 2 INPUT
- Inclosure Material: CERAMIC
- Design Function and Quantity: 4 GATE, NOR
- Body Width: 0.245 INCHES MINIMUM AND 0.280 INCHES MAXIMUM IN
- Body Height: 0.185 INCHES MAXIMUM IN
- Features Provided: BURN IN
- Inclosure Configuration: DUAL-IN-LINE

IDENTIFICATION

- NSN: 5962-01-059-2644
- NIIN: 010592644
- FSC: 5962 — Microcircuits, Electronic
- FSG: 59 — Electrical and Electronic Equipment Components
- Primary part number: 2786029-1
- Manufacturer: Honeywell Intl Inc Defense Avionics Systems

GENERAL DESCRIPTION

The Microcircuit,digital, cataloged under National Stock Number 5962-01-059-2644, is classified within Federal Supply Class 5962 (Microcircuits, Electronic) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Honeywell Intl Inc Defense Avionics Systems. Government technical data includes 11 specifications, cited from the U.S. Government catalog. The record lists 1 manufacturer part number for this item, enabling identification through both NSN and commercial part number lookups. 4 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog. 1 item shares a part number with this NSN in the catalog (possible match — not a government interchangeability claim). Current acquisition status: Active.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
NSN	5962-01-059-2644
Primary Part Number	2786029-1
Item Name	Microcircuit,digital

PARAMETER	VALUE
FSC / FSG	5962 / 59 — Microcircuits, Electronic
Manufacturer	Honeywell Intl Inc Defense Avionics Systems
Status	ACTIVE
Input Circuit Pattern	2 INPUT
Inclosure Material	CERAMIC
Design Function and Quantity	4 GATE, NOR
Body Width	0.245 INCHES MINIMUM AND 0.280 INCHES MAXIMUM IN
Body Height	0.185 INCHES MAXIMUM IN
Features Provided	BURN IN
Inclosure Configuration	DUAL-IN-LINE
Body Length	0.755 INCHES MINIMUM AND 0.785 INCHES MAXIMUM IN
Storage Temp Range	-65.0 TO 150.0 CELSIUS DEGC
Output Logic Form	TRANSISTOR-TRANSISTOR LOGIC
Operating Temp Range	-65.0 TO 150.0 CELSIUS DEGC

LIFECYCLE & COMPLIANCE

Acquisition Status	ACTIVE
DEMIL Code	DEMIL D — DESTROY ITEM
Hazard	NO HAZARD CODE IN THE DLA RECORD (HMIC N)
Criticality Code	X

RELATED ITEMS

1

Each row states its source: a government interchangeability/replacement code, or a possible match on a shared part number.

2910-01-498-6464	2786029-1	POSSIBLE MATCH
SES FUEL FILTER		
Possible match (shared part number) Honeywell International Inc, Div Aerospace - Torrance		

CROSS-REFERENCE INDEX

PART NUMBER	MANUFACTURER
2786029-1	Honeywell Intl Inc Defense Avionics Systems (USA)

REFERENCE	MEANING
SNC54LS02J/883B	3/9 Design control — primary reference Philips Semiconductors Inc
S54LS02/BCA	5/9 Secondary reference Philips Semiconductors Inc
RB54LS02F/883B	5/9 Secondary reference Texas Instruments Incorporated
2786029-1	5/9 Secondary reference Honeywell Intl Inc Defense Avionics Systems Former Bendix Navigation and Control Systems

RELATED PARTS

2910-01-498-6464 POSSIBLE MATCH
SES FUEL FILTER
2786029-1

FREQUENTLY ASKED QUESTIONS

What is NSN 5962-01-059-2644?

NSN 5962-01-059-2644 is a Microcircuit,digital, manufactured by Honeywell Intl Inc Defense Avionics Systems, classified under FSC 5962, Microcircuits, Electronic. Status: active.

What part numbers are listed for NSN 5962-01-059-2644?

NSN 5962-01-059-2644 has 1 manufacturer part number on file: 2786029-1 (Honeywell Intl Inc Defense Avionics Systems).

What NSN replaces 5962-01-059-2644?

1 possible match (shared part number, not a government interchangeability claim): 2910-01-498-6464. Verify interchangeability with system specifications before substitution.

What are the specifications of 2786029-1?

Key specifications for 2786029-1: Input Circuit Pattern: 2 INPUT; Inclosure Material: CERAMIC; Design Function and Quantity: 4 GATE, NOR; Body Width: 0.245 INCHES MINIMUM AND 0.280 INCHES MAXIMUM IN. 11 specifications are documented in the U.S. Government catalog.

Is NSN 5962-01-059-2644 hazardous material?

No hazard code in the DLA record (HMIC N). Hazard information on this page is shown exactly as it appears in the DLA record.

What is the DEMIL code for NSN 5962-01-059-2644?

NSN 5962-01-059-2644 has DEMIL Code D. Demilitarization may be required before disposal or transfer to non-military entities.

SOURCES

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-16.
U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable — the parts reference. Every fact cited to its source.
partstable.com/parts/5962-01-059-2644

✓ Data cited from the U.S. Government catalog; commercial cross-references from OEM and certified industry sources.
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