



Home > MRO > Electrical and Electronic Equipment Components > 5962-01-059-0582

Microcircuit, Digital

5962-01-059-0582

NSN 5962-01-059-0582 · NIIN 010590582 · Part number 7603201CB

Dla Land and Maritime DbA Engineering and Technical Support Div Document Standardization Division (vendor Item Drawings) · FSC 5962 — Microcircuits, Electronic · FSG 59 — Electrical and Electronic Equipment Components · CAGE 16236

 **GOVERNMENT RECORD, CITED**

NSN 5962-01-059-0582 — this item is cataloged by the U.S. Government under National Stock Number 5962-01-059-0582. Manufacturer of record part number: **7603201CB**.

ALSO SEARCHED AS 5962-01-059-0582 · 5962010590582 · NIIN 010590582 · 01-059-0582 · FSC 5962 Microcircuits, Electronic · CAGE 16236 · 7603201CB · DM54LS90J/883BA · SNC54LS90J · 54LS90F883B · RBX54LS90FJ · 54LS90DMQB

NEARBY STOCK NUMBERS ← 5962-01-059-0581 Microcircuit, Digital · 5962-01-059-0583 Microcircuit, Digital →

FEATURES

- Microcircuit,digital — FSC 5962
- Input Circuit Pattern: 6 INPUT
- Inclosure Material: CERAMIC AND GLASS
- Body Width: 0.220 INCHES MINIMUM AND 0.310 INCHES MAXIMUM IN
- Body Height: 0.140 INCHES MINIMUM AND 0.185 INCHES MAXIMUM IN
- Features Provided: HERMETICALLY SEALED AND MONOLITHIC AND POSITIVE OUTPUTS AND LOW POWER AND SCHOTTKY AND W/ENABLE AND NEGATIVE EDGE TRIGGERED AND RESETTABLE AND W/COMPLEMENT AND ASYNCHRONOUS
- Inclosure Configuration: DUAL-IN-LINE
- Case Outline Source and Designator: D-1 MIL-M-38510

IDENTIFICATION

- NSN: 5962-01-059-0582
- NIIN: 010590582
- FSC: 5962 — Microcircuits, Electronic
- FSG: 59 — Electrical and Electronic Equipment Components
- Primary part number: 7603201CB
- Manufacturer: Dla Land and Maritime DbA Engineering and Technical Support Div Document Standardization Division (vendor Item Drawings)

GENERAL DESCRIPTION

The Microcircuit,digital, cataloged under National Stock Number 5962-01-059-0582, is classified within Federal Supply Class 5962 (Microcircuits, Electronic) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Dla Land and Maritime DbA Engineering and Technical Support Div Document Standardization Division (vendor Item Drawings). Government technical data includes 13 specifications, cited from the U.S. Government catalog. The record lists 3 manufacturer part numbers for this item, enabling identification through both NSN and commercial part number lookups. 16 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog. 2 items share a part number with this NSN in the catalog (possible match — not a government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	5962-01-059-0582
Primary Part Number	7603201CB
Item Name	Microcircuit,digital
FSC / FSG	5962 / 59 — Microcircuits, Electronic
Manufacturer	Dla Land and Maritime Dba Engineering and Technical Support Div Document Standardization Division (vendor Item Drawings)
Status	ACTIVE
Input Circuit Pattern	6 INPUT
Inclosure Material	CERAMIC AND GLASS
Body Width	0.220 INCHES MINIMUM AND 0.310 INCHES MAXIMUM IN
Body Height	0.140 INCHES MINIMUM AND 0.185 INCHES MAXIMUM IN
Features Provided	HERMETICALLY SEALED AND MONOLITHIC AND POSITIVE OUTPUTS AND LOW POWER AND SCHOTTKY AND W/ENABLE AND NEGATIVE EDGE TRIGGERED AND RESETTABLE AND W/COMPLEMENT AND ASYNCHRONOUS
Inclosure Configuration	DUAL-IN-LINE
Case Outline Source and Designator	D-1 MIL-M-38510
Body Length	0.785 INCHES MAXIMUM IN
Storage Temp Range	-65.0 TO 150.0 CELSIUS DEGC
Output Logic Form	TRANSISTOR-TRANSISTOR LOGIC
Operating Temp Range	-55.0 TO 125.0 CELSIUS DEGC
Test Data Document	14933-76032 DRAWING (THIS IS THE BASIC GOVERNING DRAWING, SUCH AS A CONTRACTOR DRAWING, ORIGINAL EQUIPMENT MANUFACTURER DRAWING, ETC.; EXCLUDES ANY SPECIFICATION, STANDARD OR OTHER DOCUMENT THAT MAY BE REFERENCED IN A BASIC GOVERNING DRAWING)
Maximum Power Dissipation Rating	85.0 MILLIWATTS

LIFECYCLE & COMPLIANCE

Acquisition Status	ACTIVE
DEMIL Code	DEMIL Q — CCL ITEM — COMMERCE CONTROL LIST
Hazard	NO HAZARD CODE IN THE DLA RECORD (HMIC N)
Criticality Code	X

RELATED ITEMS

2

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

4730-01-511-3653	76032 B	POSSIBLE MATCH
CLAMP,HOSE		
Possible match (shared part number) Norma Pennsylvania Inc. Div Breeze Industrial Products		
4320-01-662-3692	H11-0003-0347	POSSIBLE MATCH

RESERVOIR,HYDRAULIC

Possible match (shared part number)
 Helgesen Industries Inc

CROSS-REFERENCE INDEX

PART NUMBER	MANUFACTURER
7603201CB PRIMARY	Dla Land and Maritime Db a Engineering and Technical Support Div Document Standardization Division (vendor Item Drawings) (USA)
7603201CB	Texas Instruments Incorporated (USA)
7603201CB	National Semiconductor Corporation (USA)

REFERENCE DOCUMENTS

REFERENCE	MEANING
DM54LS90J/883BA	5/9 Secondary reference Adelco Elektronik Gmbh
SNC54LS90J	c/1 Advisory reference — outside the item-of-supply concept Texas Instruments Incorporated
54LS90F883B	c/1 Advisory reference — outside the item-of-supply concept Philips Semiconductors Inc
RBX54LS90FJ	5/9 Secondary reference Philips Semiconductors Inc
54LS90DMQB	5/9 Secondary reference Fairchild Semiconductor Corp
2025-0113	c/1 Advisory reference — outside the item-of-supply concept Cushman Electronics Inc
76032	5/1 Secondary reference Dla Land and Maritime Dba Engineering and Technical Support Div Document Standardization Division (vendor Item Drawings)
403560-62	c/1 Advisory reference — outside the item-of-supply concept Cardion Inc
1820-1490	c/1 Advisory reference — outside the item-of-supply concept Hewlett-Packard Company Dba HP
7603201CB	5/9 Secondary reference Philips Semiconductors Inc
S54LS90F/883B	5/9 Secondary reference Philips Semiconductors Inc
DM54LS90J/883B	5/9 Secondary reference National Semiconductor Corporation
SNC54LS90J-00	5/1 Secondary reference Texas Instruments Incorporated
SN57385	c/1 Advisory reference — outside the item-of-supply concept Texas Instruments Incorporated
019034006	c/1 Advisory reference — outside the item-of-supply concept U.S. Government activity
7603201CB	5/9 Secondary reference Fairchild Semiconductor Corp

RELATED PARTS

4730-01-511-3653 POSSIBLE MATCH

CLAMP,HOSE
76032 B

4320-01-662-3692 POSSIBLE MATCH

RESERVOIR,HYDRAULIC
H11-0003-0347

FREQUENTLY ASKED QUESTIONS

What is NSN 5962-01-059-0582?

NSN 5962-01-059-0582 is a Microcircuit,digital, manufactured by Dla Land and Maritime Dba Engineering and Technical Support Div Document Standardization Division (vendor Item Drawings), classified under FSC 5962, Microcircuits, Electronic. Status: active.

What part numbers are listed for NSN 5962-01-059-0582?

NSN 5962-01-059-0582 has 3 manufacturer part numbers on file: 7603201CB (Dla Land and Maritime Dba Engineering and Technical Support Div Document Standardization Division (vendor Item Drawings)), 7603201CB (Texas Instruments Incorporated), 7603201CB (National Semiconductor Corporation).

What NSN replaces 5962-01-059-0582?

2 possible matches (shared part number, not a government interchangeability claim): 4730-01-511-3653, 4320-01-662-3692. Verify interchangeability with system specifications before substitution.

What are the specifications of 7603201CB?

Key specifications for 7603201CB: Input Circuit Pattern: 6 INPUT; Inclosure Material: CERAMIC AND GLASS; Body Width: 0.220 INCHES MINIMUM AND 0.310 INCHES MAXIMUM IN; Body Height: 0.140 INCHES MINIMUM AND 0.185 INCHES MAXIMUM IN. 13 specifications are documented in the U.S. Government catalog.

Is NSN 5962-01-059-0582 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 5962-01-059-0582?

NSN 5962-01-059-0582 has DEMIL Code Q. 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/5962-01-059-0582

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

 PartsTable Design LLC · partstable.com