

QUALITY ASSURANCE CENTRE

High-Risk or Counterfeit Parts Report

April 2023 Edition

A large, stylized diamond shape is centered on the left side of the slide. It has a green-to-yellow gradient and is superimposed over a white square outline. The word "AGENDA" is written in bold, black, sans-serif capital letters in the center of the diamond.

AGENDA

1

**About Briocean
Quality Assurance
Centre**

2

**Tier-1 Inspection
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3

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Interception List**

01

About Brioccean Quality Assurance Centre

1.1 Briocean Quality Assurance Centre

BRIOCEAN

Briocean has constructed two QA centres, separately in Shenzhen and Hong Kong, each with an approximate area of 1,000 square metres. The centres have over 60 state-of-the-art professional testing equipments and more than 50 qualified inspection engineers.

It adopts the 3-tier international standard quality control(QC) process and follow a STAR Quality Assurance Framework. These enable us to ensure that we only deliver authentic quality components to our clients.



1.2 Briocean Quality Assurance Centre

BRIOCEAN

As an industry leader in QC, Briocean adopts a zero-tolerance policy towards counterfeit chips. Our stringent quality assurance process boasts a 100% interception rate to ensure no counterfeits get mixed into our clients' supply chain.

In this report, you will find the list of high-risk or counterfeit parts intercepted by Briocean QA Centre's inspection engineers. This list comprises of the shipments intercepted in the month of April 2023.

02

Tier-1 Inspection Interception List

2.1 Tier-1 Inspection Interception List

BRIOCEAN

Labelling & Packaging Verification

Comparing of the shipment's label and packaging with the original label and packaging in Brioccean's QA database.

Counterfeit Interception Rate:



*List is arranged in alphabetical order.

2.2 ABRACON

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LC#C055803	ABRACON	UNKNOWN	01-12-2023



2.3 ANALOG DEVICES INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ADM3485ARZ-REEL7	ANALOG DEVICES INC	PHILIPPINES	2212



2.4 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
IPD50P04P4L-11	INFINEON TECHNOLOGIES	MALAYSIA	GAL239



2.4 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BGSX33MU16E6327	INFINEON TECHNOLOGIES	UNKNOWN	2105



2.4 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BSP322PH6327	INFINEON TECHNOLOGIES	MALAYSIA	2250



FAILED

2.4 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BSP322PH6327	INFINEON TECHNOLOGIES	MALAYSIA	2238



2.4 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
FP15R12W1T4	INFINEON TECHNOLOGIES	HUNGARY	2115



2.4 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
FS100R12KT4G	INFINEON TECHNOLOGIES	HUNGARY	2206



2.5 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MC56F8322VFAE	NXP SEMICONDUCTORS	TAIWAN,CHINA	2126



2.6 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BZX84C5V1LT1G	ON SEMICONDUCTOR	CHINA	2030

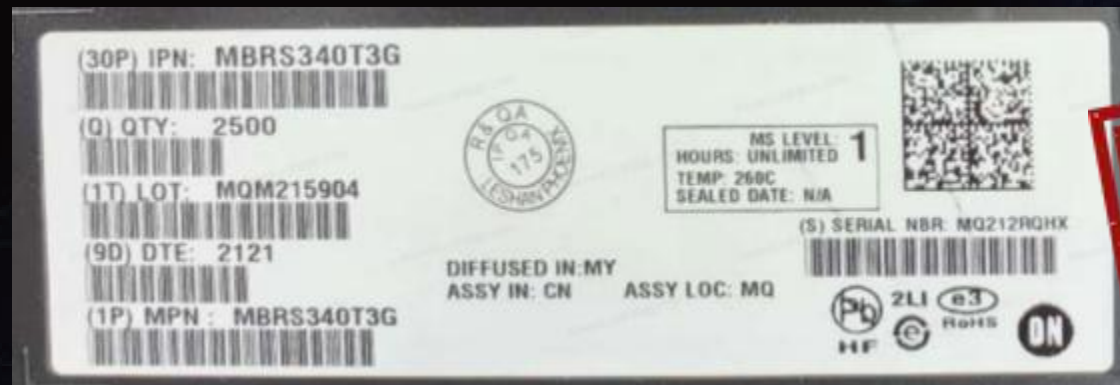


FAILED

2.6 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MBRS340T3G	ON SEMICONDUCTOR	CHINA	2121



FAILED

2.6 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MBRS340T3G	ON SEMICONDUCTOR	CHINA	2129



2.6 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MBRS340T3G	ON SEMICONDUCTOR	VIETNAM	2245



2.6 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MMBZ6V8ALT1G	ON SEMICONDUCTOR	CHINA	2146



2.7 SAMSUNG ELECTRONICS

BRIOCEAN

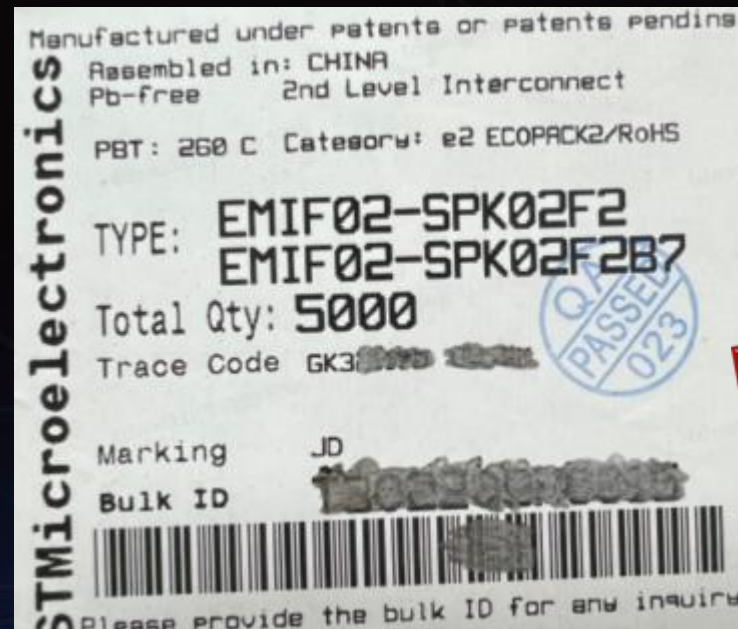
Part Number	Brand	Country of Manufacture	Date Code
KM5H7001DM-B424	SAMSUNG ELECTRONICS	KOREA	200320



2.8 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
EMIF02-SPK02F2	STMICROELECTRONICS	CHINA	23+



2.8 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SM15T39CA	STMICROELECTRONICS	CHINA	2137

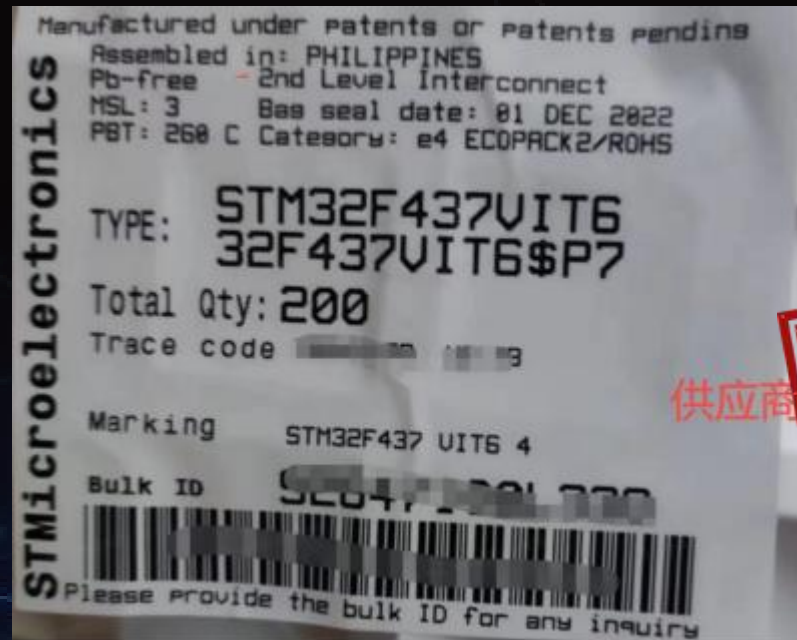


FAILED

2.8 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
STM32F437VIT6	STMICROELECTRONICS	PHILIPPINES	PAINTED



2.8 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
STM32H743XIH6	STMICROELECTRONICS	PHILIPPINES	2307



FAILED

2.8 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
VNQ7003SYTR	STMICROELECTRONICS	MALAYSIA	2215



2.9 TDK CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
C5750X7S2A156M250KB	TDK CORPORATION	JAPAN	2116



FAILED

2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
AM3352BZCZA80	TEXAS INSTRUMENTS	PHILIPPINES	2108



2.10 TEXAS INSTRUMENTS

BRIOCEAN

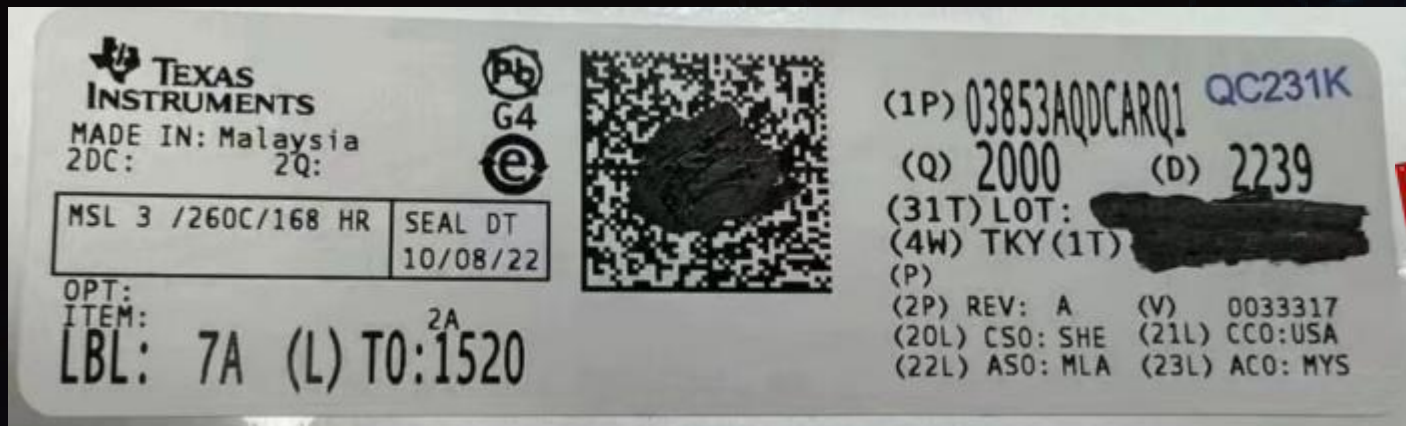
Part Number	Brand	Country of Manufacture	Date Code
O3853AQDCARQ1	TEXAS INSTRUMENTS	MALAYSIA	2223



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
O3853AQDCARQ1	TEXAS INSTRUMENTS	MALAYSIA	2239

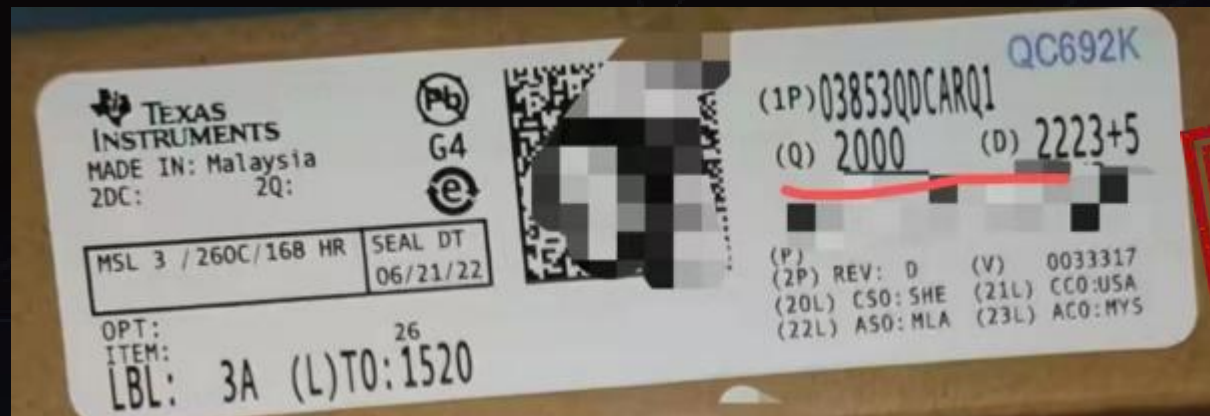


FAILED

2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
O3853AQDCARQ1	TEXAS INSTRUMENTS	MALAYSIA	2223



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
O3853QDCARQ1	TEXAS INSTRUMENTS	TAIWAN,CHINA	2236



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
O3853QDCARQ1	TEXAS INSTRUMENTS	TAIWAN,CHINA	2235



FAILED

2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
O3853QDCARQ1	TEXAS INSTRUMENTS	MALAYSIA	2242



FAILED

2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
O3853QDCARQ1	TEXAS INSTRUMENTS	TAIWAN,CHINA	2219



2.10 TEXAS INSTRUMENTS

BRIOCEAN

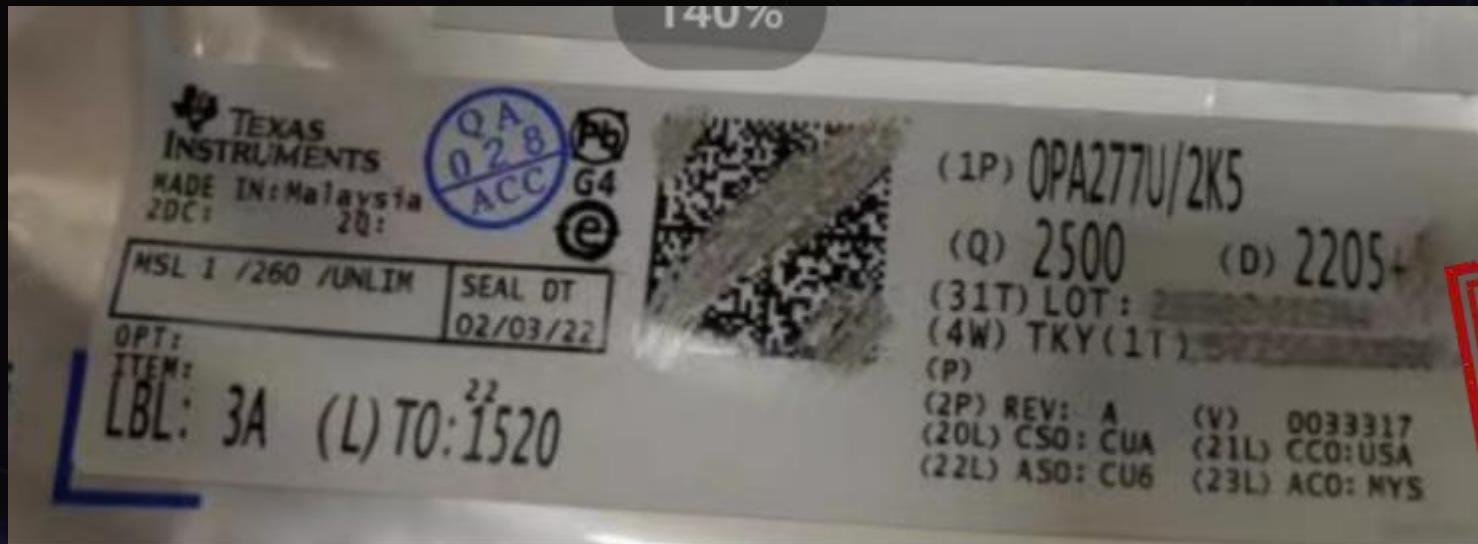
Part Number	Brand	Country of Manufacture	Date Code
O3853QDCARQ1	TEXAS INSTRUMENTS	TAIWAN,CHINA	2235



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OPA227U/2K5	TEXAS INSTRUMENTS	MALAYSIA	2205



2.10 TEXAS INSTRUMENTS

BRIOCEAN

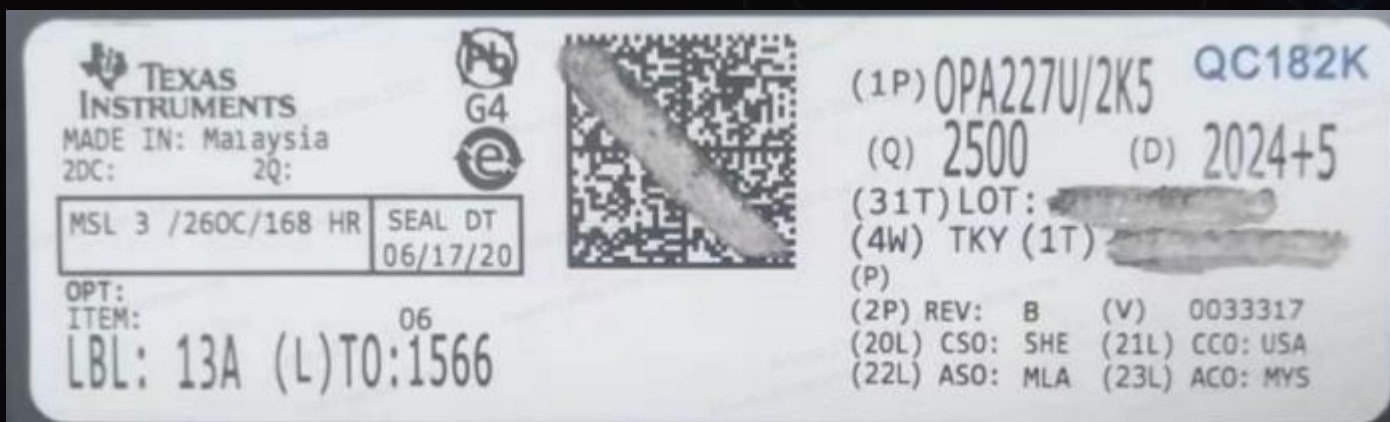
Part Number	Brand	Country of Manufacture	Date Code
OPA227U/2K5	TEXAS INSTRUMENTS	MALAYSIA	2210



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OPA227U/2K5	TEXAS INSTRUMENTS	MALAYSIA	2024



2.10 TEXAS INSTRUMENTS

BRIOCEAN

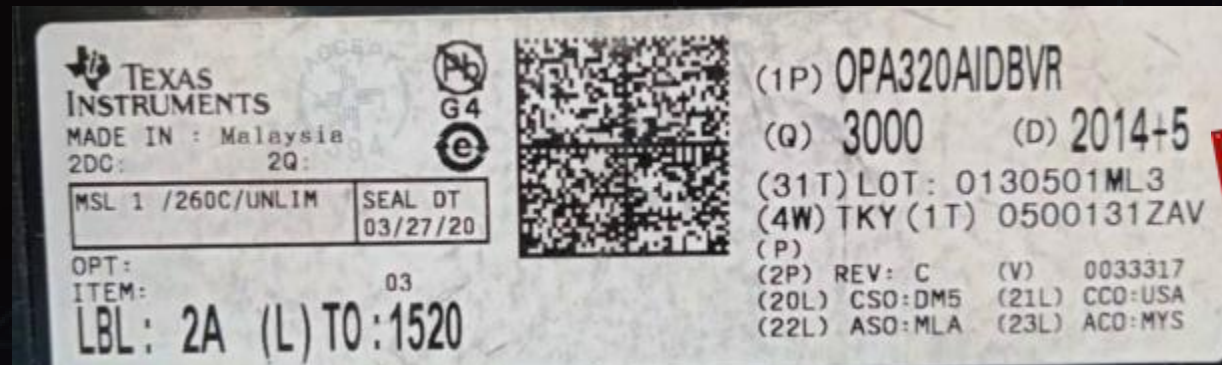
Part Number	Brand	Country of Manufacture	Date Code
OPA227U/2K5	TEXAS INSTRUMENTS	MALAYSIA	PAINTED



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OPA320AIDBVR	TEXAS INSTRUMENTS	MALAYSIA	2014



FAILED

2.10 TEXAS INSTRUMENTS

BRIOCEAN

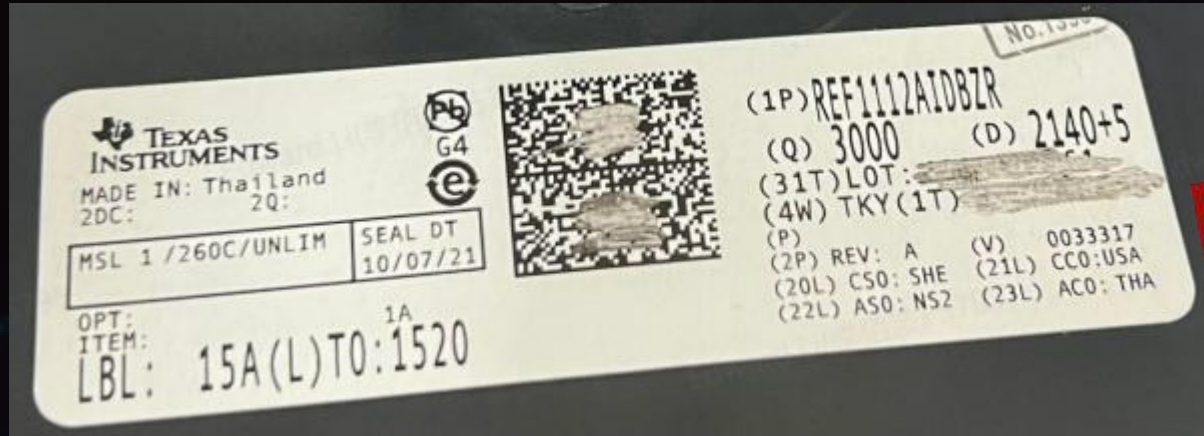
Part Number	Brand	Country of Manufacture	Date Code
OPA547FKTWT	TEXAS INSTRUMENTS	MALAYSIA	2150



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
REF1112AIDBZR	TEXAS INSTRUMENTS	THAILAND	2140



FAILED

2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
REF5050AQDRQ1	TEXAS INSTRUMENTS	MALAYSIA	2110



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SN65HVD78DGKR	TEXAS INSTRUMENTS	MEXICO	2208



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TPS54040DGQR	TEXAS INSTRUMENTS	CHINA	2224



FAILED

2.11 VISHAY INTERTECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SQM120P04-04L_GE3	VISHAY INTERTECHNOLOGY	TAIWAN,CHINA	2021



FAILED

2.11 VISHAY INTERTECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SQM120P04-04L-GE3	VISHAY INTERTECHNOLOGY	MALAYSIA	2021



FAILED

03

Tier-2 Inspection Interception List

3.1 Tier-2 Inspection Interception List

BRIOCEAN

VISUAL & MARKING INSEPECTION

With a magnification up to 160x, the LEICA microscope is used to inspect the interior and exterior sides of the component for its dimensions and check for scratches, polishing, breakage or oxidation on the BGA.

Counterfeit Interception Rate:

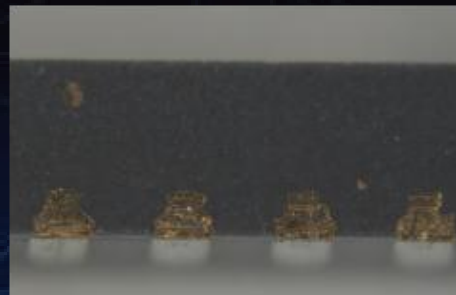
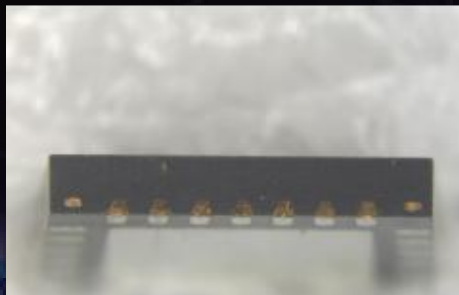
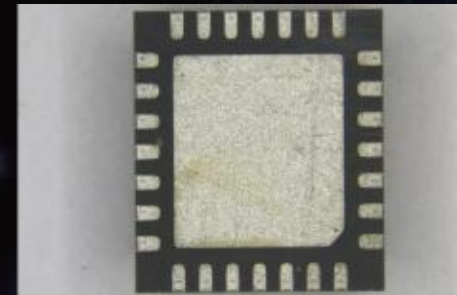


*List is arranged in alphabetical order.

3.2 MICROCHIP

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MCP25625T-E/ML	MICROCHIP	THAILAND	2219

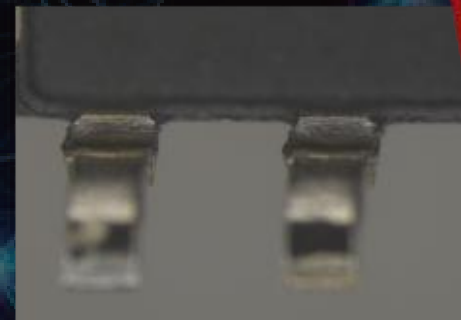
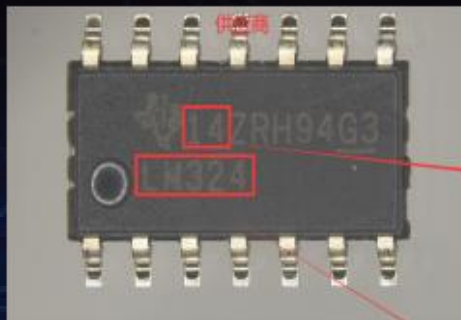
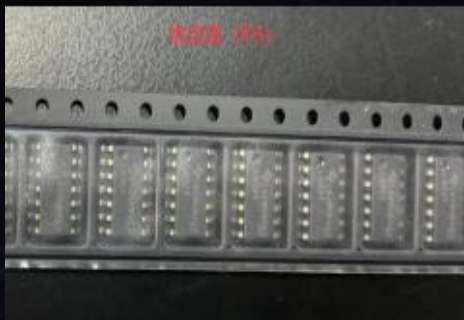
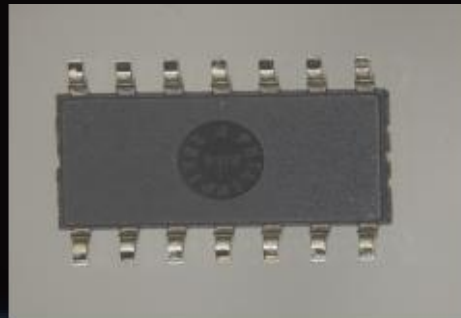
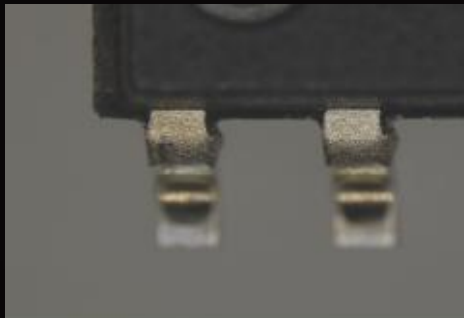


FAILED

3.2 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM324DR	TEXAS INSTRUMENTS	PHILIPPINES	21+



FAILED

Brioccean Technology

THANK YOU

Your preferred supplier in global sourcing