

QUALITY ASSURANCE CENTRE

High-Risk or Counterfeit Parts Report

July 2023 Edition

A large, diamond-shaped graphic with a green-to-yellow gradient is centered on the left side of the slide. It is overlaid on 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**

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**Tier-1 Inspection
Interception List**

3

**Tier-2 Inspection
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 with the 4th tier outsourced testing to third party as part of our strategic partnership. 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 July 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 ANALOG DEVICES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
AD584SH/883B	ANALOG DEVICES	USA	1712



2.3 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
FF400R12KE3	INFINEON TECHNOLOGIES	HUNGARY	2118



FAILED

2.3 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TLE8082ES	INFINEON TECHNOLOGIES	MALAYSIA	2211



FAILED

2.4 JAPAN AVIATION ELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
WP27D-P040VA3-R15000	JAPAN AVIATION ELECTRONICS	JAPAN	2019



FAILED

2.5 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
A3P250-PQG208I	MICROCHIP TECHNOLOGY	PHILIPPINES	22+

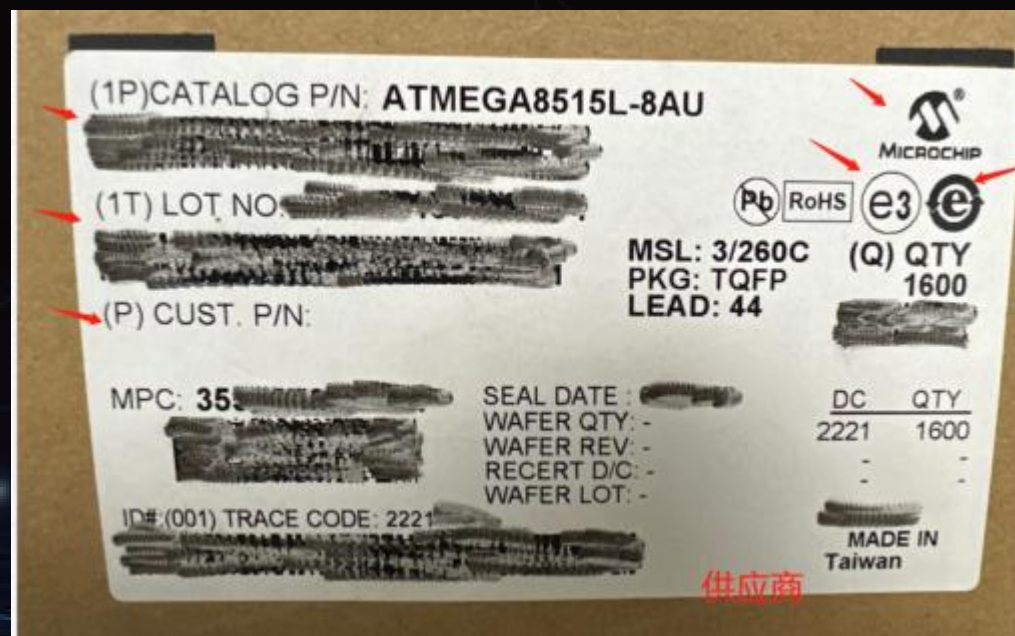


FAILED

2.5 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ATMEGA8515L-8AU	MICROCHIP TECHNOLOGY	TAIWAN,CHINA	2221



2.5 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TCN75AVOA713	MICROCHIP TECHNOLOGY	CHINA	2032

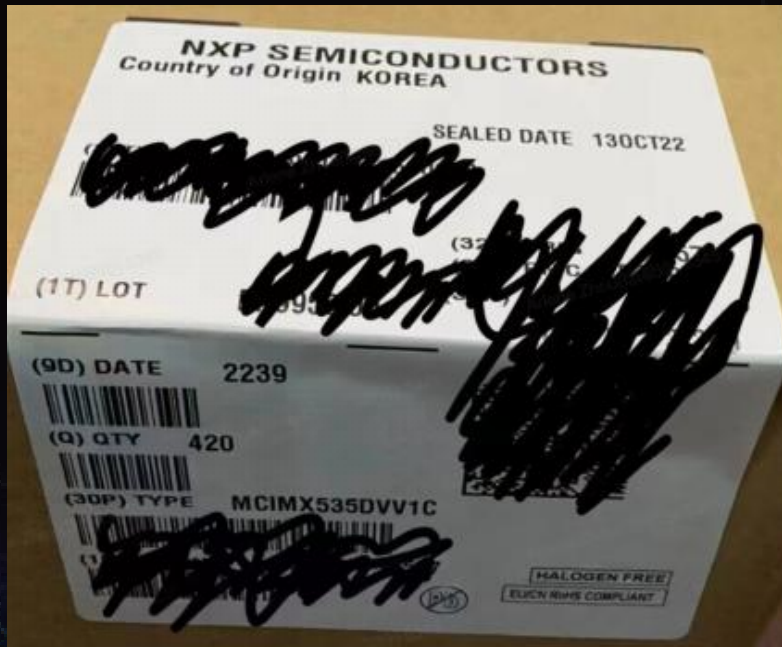


FAILED

2.6 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MCIMX535DVV1C	NXP SEMICONDUCTORS	SOUTH KOREA	2239



FAILED

2.6 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MCF5282CVM66	NXP SEMICONDUCTORS	UNKNOWN	2132



FAILED

2.7 ON SEMICONDUCTOR

BRIOCEAN

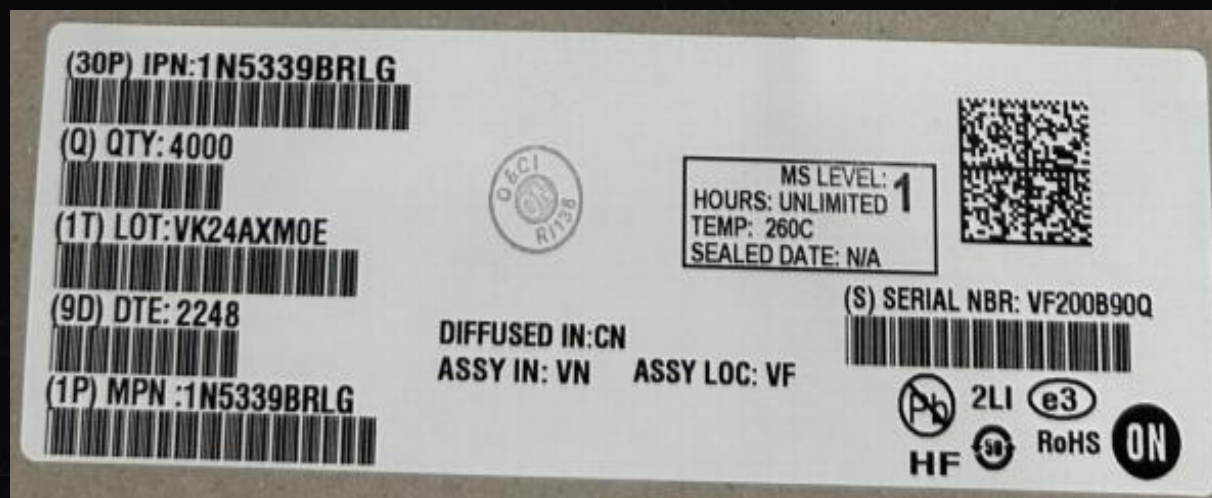
Part Number	Brand	Country of Manufacture	Date Code
1N5339BRLG	ON SEMICONDUCTOR	CHINA	2217



2.7 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
1N5339BRLG	ON SEMICONDUCTOR	VIETNAM	2248



FAILED

2.7 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
1N5349BRLG	ON SEMICONDUCTOR	CHINA	2321



2.7 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BZX84C13LT1G	ON SEMICONDUCTOR	CHINA	2308



2.7 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM2776DBVR	ON SEMICONDUCTOR	CHINA	2227



FAILED

2.7 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MBRD360T4G	ON SEMICONDUCTOR	CHINA	2240



FAILED

2.7 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
NVMFS5C410NT1G	ON SEMICONDUCTOR	MALAYSIA	2218



FAILED

2.8 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SM15T39CAY	STMICROELECTRONICS	CHINA	2045

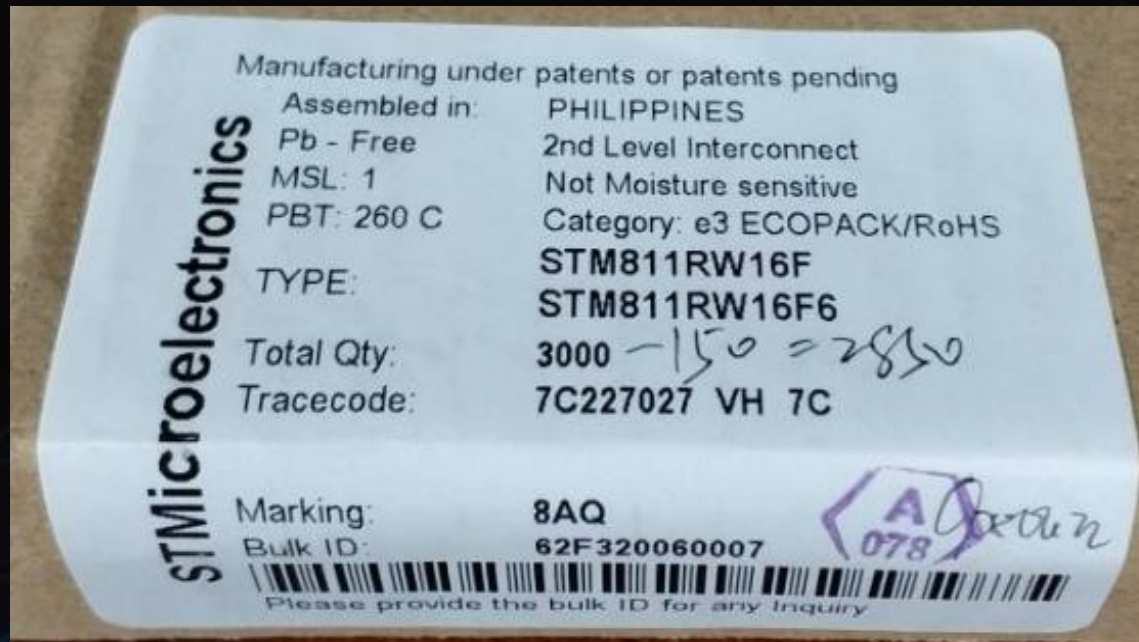


FAILED

2.8 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
STM811RW16F	STMICROELECTRONICS	PHILIPPINES	2227



FAILED

2.8 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
STPM10BTR	STMICROELECTRONICS	PHILIPPINES	1810



FAILED

2.8 STMICROELECTRONICS

BRIOCEAN

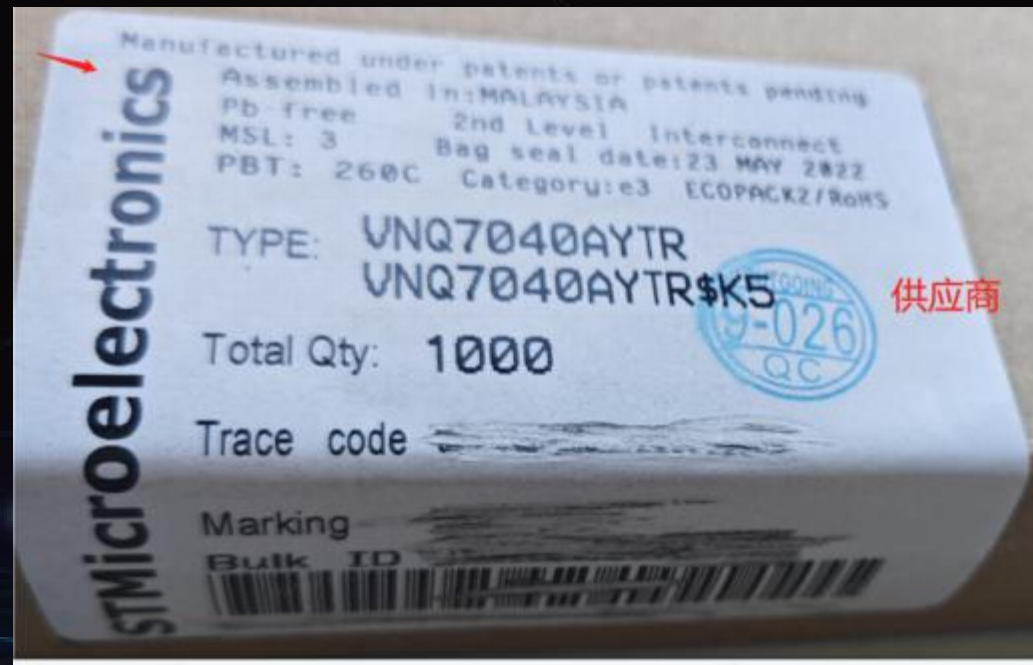
Part Number	Brand	Country of Manufacture	Date Code
VNH5180ATR-E	STMICROELECTRONICS	MALAYSIA	2308



2.8 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
VNQ7040AYTR	STMICROELECTRONICS	MALAYSIA	2022



2.9 TDK CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
C5750X7S2A106M230KB	TDK CORPORATION	JAPAN	2245



FAILED

2.9 TDK CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SPM7054VC-101M-D	TDK CORPORATION	CHINA	2215



FAILED

2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
DAC8531E/2K5	TEXAS INSTRUMENTS	MALAYSIA	21+



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM1085ISX-3.3/NOPB	TEXAS INSTRUMENTS	MALAYSIA	2114



2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM2575SX-ADJ/NOPB	TEXAS INSTRUMENTS	MALAYSIA	2223



FAILED

2.10 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM2675MX-5.0/NOPB	TEXAS INSTRUMENTS	MALAYSIA	2231



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:

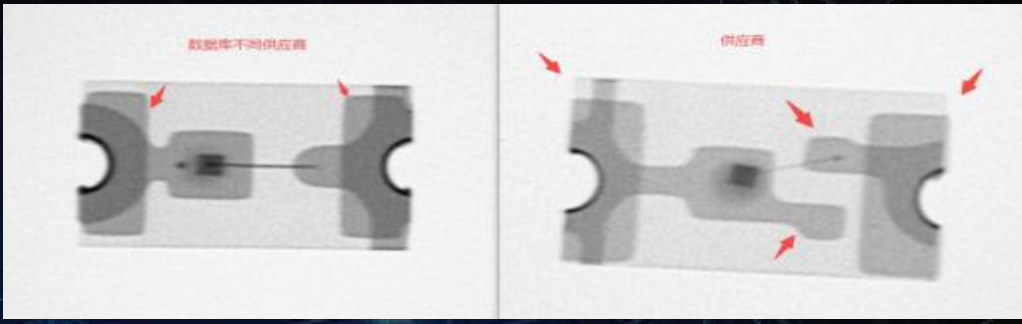
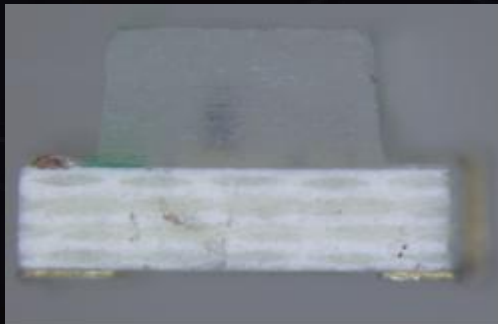
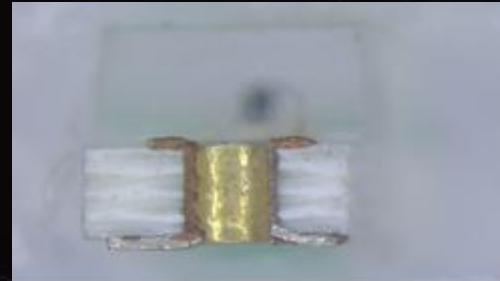
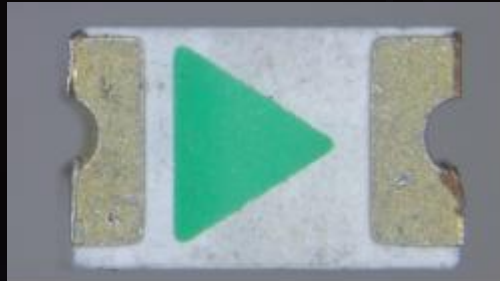


*List is arranged in alphabetical order.

3.2 EVERLIGHT

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
17-21SYGC-S530-E1-TR8	EVERLIGHT	CHINA	N/A



FAILED

Brioccean Technology

THANK YOU

Your preferred supplier in global sourcing