

# QUALITY ASSURANCE CENTRE

## High-Risk or Counterfeit Parts Report

December 2023 Edition



# AGENDA

- 1 About Brioccean Quality Assurance Centre**
- 2 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.

Briocean's QA Centre is internationally recognised, meeting **IDEA**, **ISO 17025**, and **ISO 9001:2015** standards. We are also an **ERAI** member.



## 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 December 2023.

02

# Tier-1 Inspection Interception List

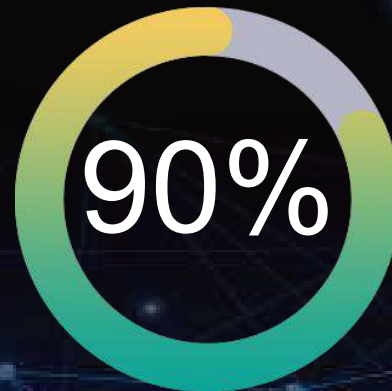
## 2.0 Tier-1 Inspection Interception List

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.

## 2.1 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BSC040N10NS5	INFINEON TECHNOLOGIES	MALAYSIA	UNKNOWN



**FAILED**

## 2.1 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
DD540N24K	INFINEON TECHNOLOGIES	HUNGARY	UNKNOWN



## 2.1 INFINEON TECHNOLOGIES

Part Number	Brand	Country of Manufacture	Date Code
IRF7424TRPBF	INFINEON TECHNOLOGIES	CHINA	UNKNOWN



## 2.2 IXYS CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MCC95-16IO1B	IXYS CORPORATION	UNKNOWN	2128



## 2.3 MURATA MANUFACTURING

Part Number	Brand	Country of Manufacture	Date Code
NCP18XV103E03RB	MURATA MANUFACTURING	CHINA	20230705



**FAILED**

## 2.4 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
6N137M	ON SEMICONDUCTOR	SOUTH KOREA	23+

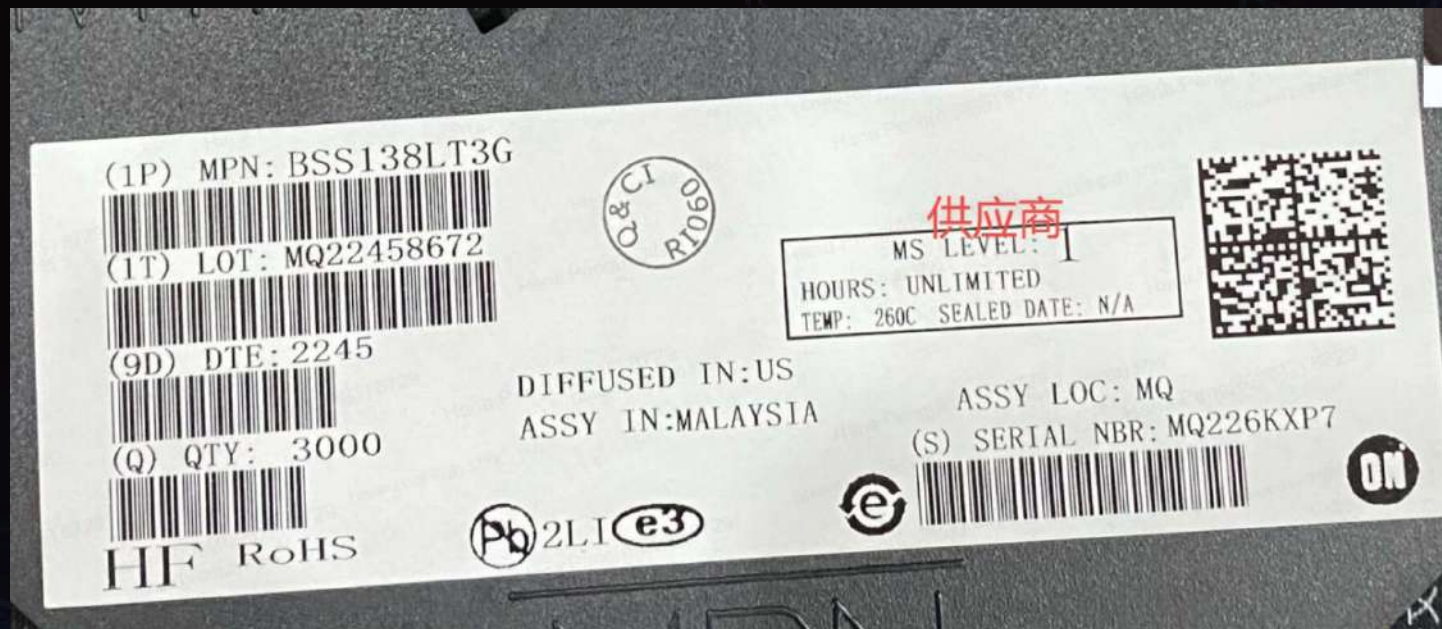


**FAILED**

## 2.4 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BSS138LT3G	ON SEMICONDUCTOR	MALAYSIA	UNKNOWN



## 2.4 ON SEMICONDUCTOR

Part Number	Brand	Country of Manufacture	Date Code
ESD9L3.3ST5G+	ON SEMICONDUCTOR	CHINA	UNKNOWN



## 2.4 ON SEMICONDUCTOR

Part Number	Brand	Country of Manufacture	Date Code
FQA36P15	ON SEMICONDUCTOR	CHINA	2116



## 2.4 ON SEMICONDUCTOR

Part Number	Brand	Country of Manufacture	Date Code
NUP4201MR6T1G	ON SEMICONDUCTOR	CHINA	2230



**FAILED**

## 2.5

## SAMSUNG ELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
M393A8G40AB2-CWEBY	SAMSUNG ELECTRONICS	SOUTH KOREA	UNKNOWN

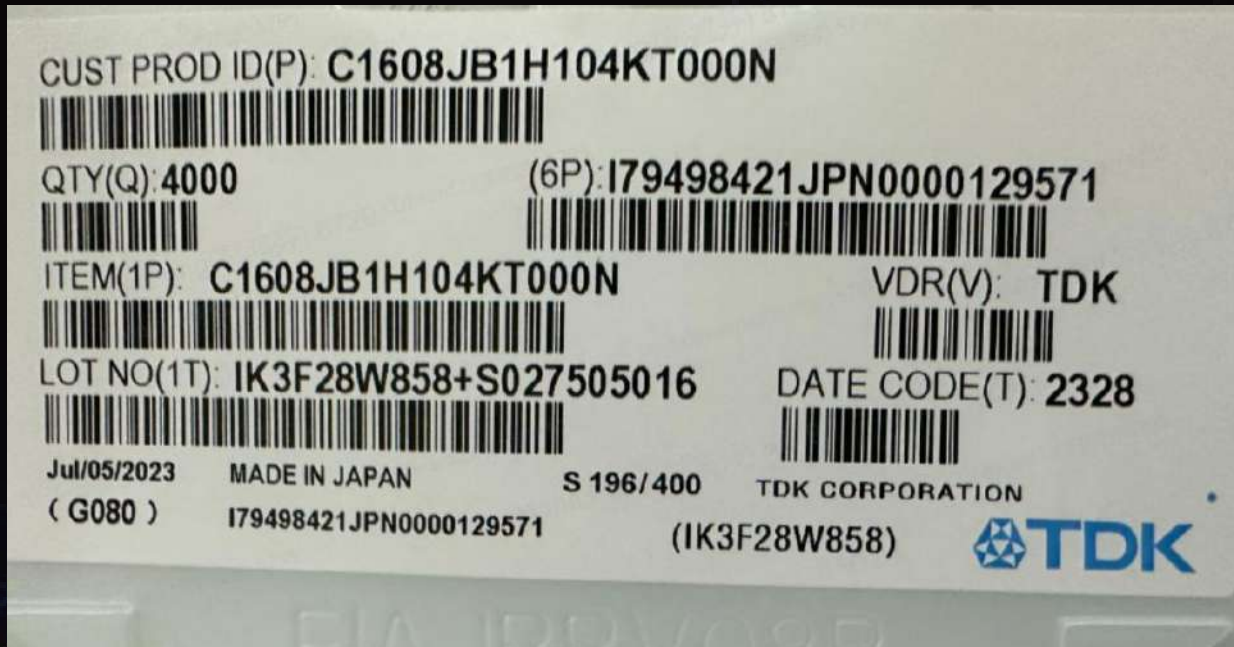
**FAILED**

Part Number	Brand	Country of Manufacture	Date Code
BD681	ST MICROELECTRONICS	MOROCCO	1711

**FAILED**

## 2.7 TDK CORPORATION

Part Number	Brand	Country of Manufacture	Date Code
C1608JB1H104KT000N	TDK CORPORATION	JAPAN	UNKNOWN



**FAILED**

## 2.8 TEXAS INSTRUMENTS INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
UC1525AJ	TEXAS INSTRUMENTS INC	MALAYSIA	22



**FAILED**

Part Number	Brand	Country of Manufacture	Date Code
SMBJ36CA-E3/52	VISHAY INTERTECHNOLOGY	MALAYSIA	UNKNOWN



**FAILED**

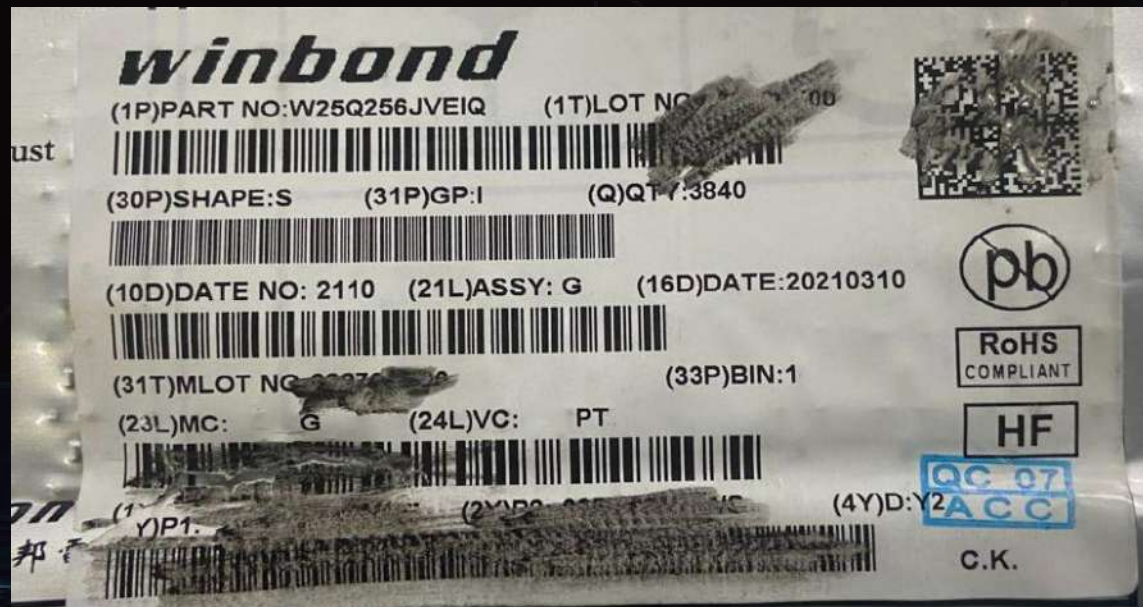
Part Number	Brand	Country of Manufacture	Date Code
SST201-T1-GE3	VISHAY INTERTECHNOLOGY	CHINA	2239



**FAILED**

## 2.10 WINBOND

Part Number	Brand	Country of Manufacture	Date Code
W25Q256JVEIQ	WINBOND	UNKNOWN	20210310



**FAILED**

# 2.11 XILINX INC

Part Number	Brand	Country of Manufacture	Date Code
XC7K325T-2FFG900I	XILINX INC	MALAYSIA	22+



**FAILED**

## 3.0 Tier-2 Inspection Interception List

BRIOCÉAN

### 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.

# 3.1 AVAGO

Part Number	Brand	Country of Manufacture	Date Code
SFH756V	AVAGO	MALAYSIA	23+



**FAILED**

## 3.2 INFINEON TECHNOLOGIES

Part Number	Brand	Country of Manufacture	Date Code
TT600N16KOF	INFINEON TECHNOLOGIES	GERMANY	21+



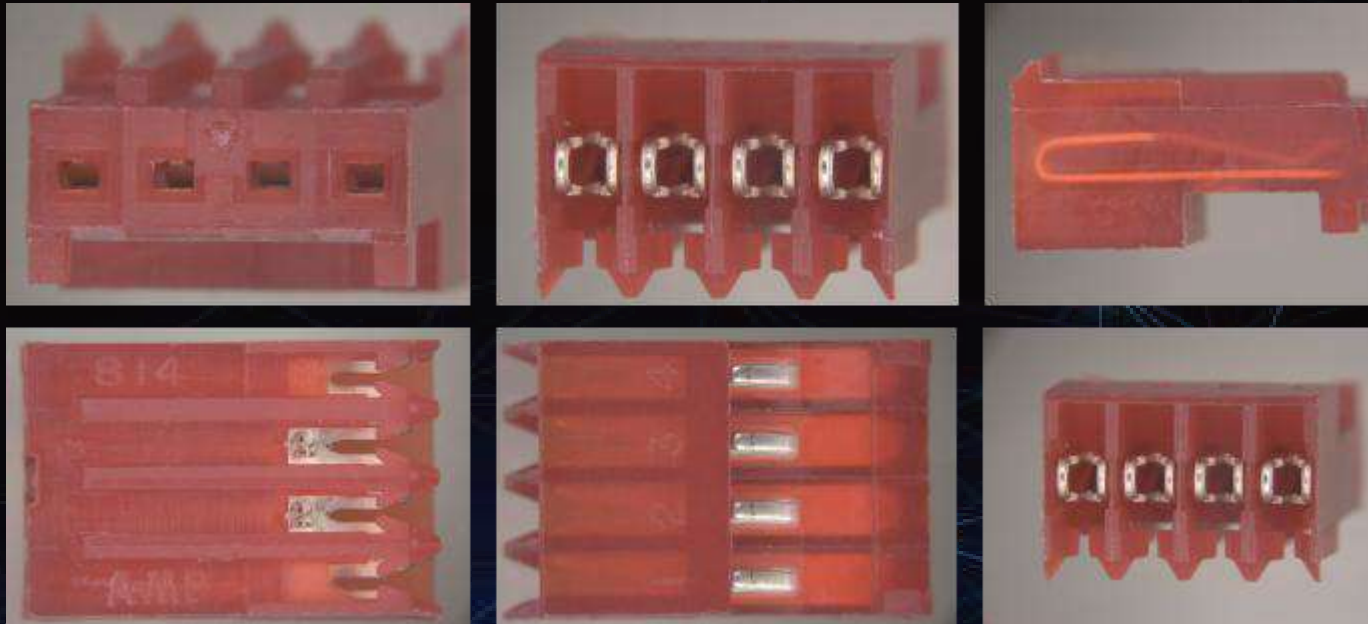
**FAILED**



## 3.4 TE CONNECTIVITY

BRIOCEAN

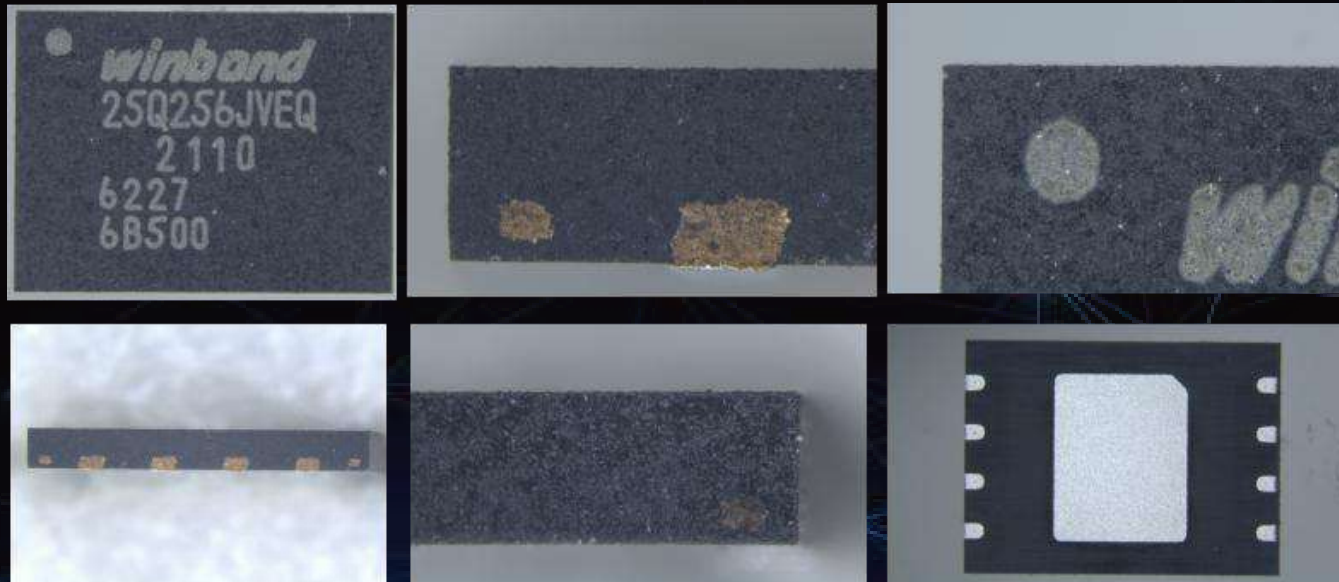
Part Number	Brand	Country of Manufacture	Date Code
3-643813-4	TE CONNECTIVITY	UNKNOWN	18+



**FAILED**

## 3.5 WINBOND

Part Number	Brand	Country of Manufacture	Date Code
W25Q256JVEIQ	WINBOND	UNKNOWN	21+



**FAILED**

## 3.6 WURTH

Part Number	Brand	Country of Manufacture	Date Code
74437324010	WURTH	CHINA	23+

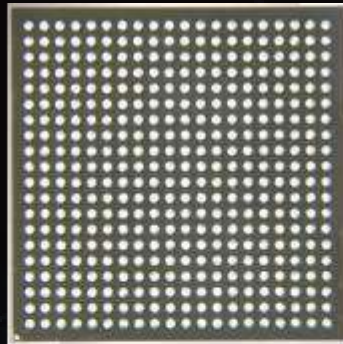
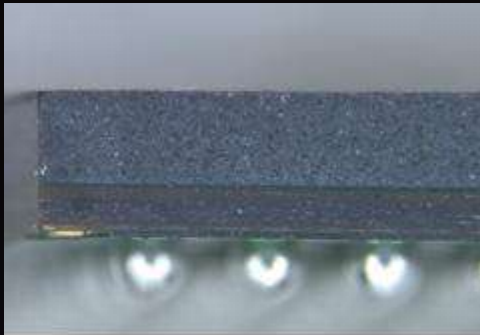


**FAILED**

## 3.7 XILINX INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
XC7Z010-2CLG400I	XILINX INC	TAIWAN,CHINA	21+



**FAILED**

Brioccean Technology

THANK YOU

Your preferred supplier in global sourcing