

# QUALITY ASSURANCE CENTRE

## High-Risk or Counterfeit Parts Report

September 2023 Edition



# AGENDA

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Quality Assurance  
Centre**

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**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 September 2023.

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# 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.

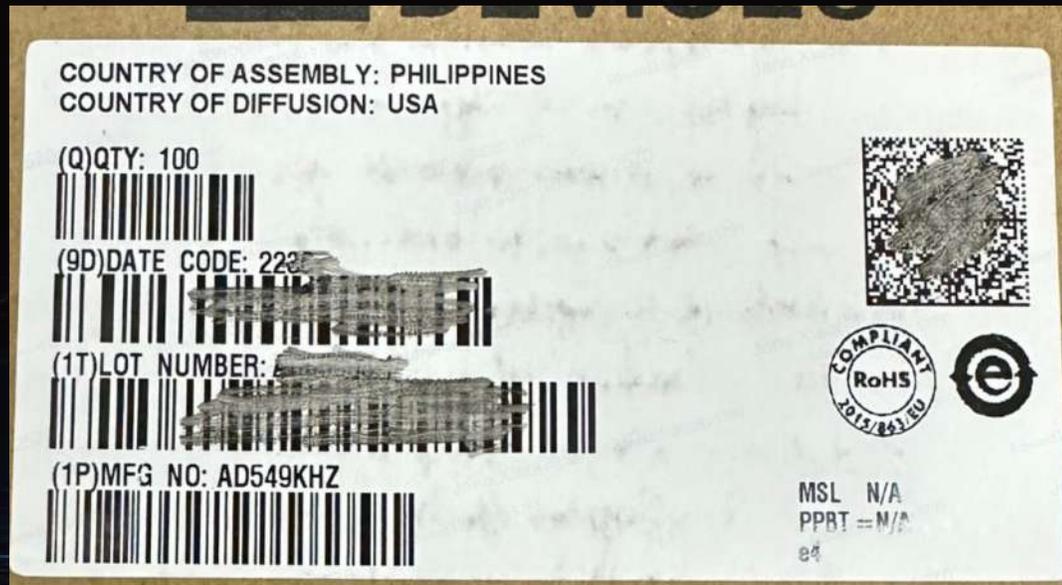
Counterfeit Interception Rate:



\*List is arranged in alphabetical order.

## 2.1 ANALOG DEVICES INC

Part Number	Brand	Country of Manufacture	Date Code
AD549KHZ	ANALOG DEVICES INC	PHILIPPINES	22+



Part Number	Brand	Country of Manufacture	Date Code
23-21C/T1D-CP2Q2TY/2A	EVERLIGHT	CHINA	UNKNOWN



**FAILED**

## 2.3

## INFINEON TECHNOLOGIES

Part Number	Brand	Country of Manufacture	Date Code
TLE5046IC	INFINEON TECHNOLOGIES	MALAYSIA	21+



## 2.3 INFINEON TECHNOLOGIES

Part Number	Brand	Country of Manufacture	Date Code
IRF540ZSTRLPBF	INFINEON TECHNOLOGIES	CHINA	2035



## 2.3 INFINEON TECHNOLOGIES

Part Number	Brand	Country of Manufacture	Date Code
TLE52052G	INFINEON TECHNOLOGIES	MALAYSIA	UNKNOWN



**FAILED**

## 2.3 INFINEON TECHNOLOGIES

Part Number	Brand	Country of Manufacture	Date Code
BSP75N	INFINEON TECHNOLOGIES	INDONESIA	21+



**FAILED**

## 2.4 KOA SPEER ELECTRONICS

Part Number	Brand	Country of Manufacture	Date Code
RN732BTTD1002B25	KOA SPEER ELECTRONICS	CHINA	22+



## 2.5 NXP SEMICONDUCTORS

Part Number	Brand	Country of Manufacture	Date Code
MPC7410HX450LE	NXP SEMICONDUCTORS	MALAYSIA	1136



## 2.5 NXP SEMICONDUCTORS

Part Number	Brand	Country of Manufacture	Date Code
MPC7410HX450LE	NXP SEMICONDUCTORS	MALAYSIA	18+



**FAILED**

## 2.5 NXP SEMICONDUCTORS

Part Number	Brand	Country of Manufacture	Date Code
MPC7410HX450LE	NXP SEMICONDUCTORS	MALAYSIA	17+



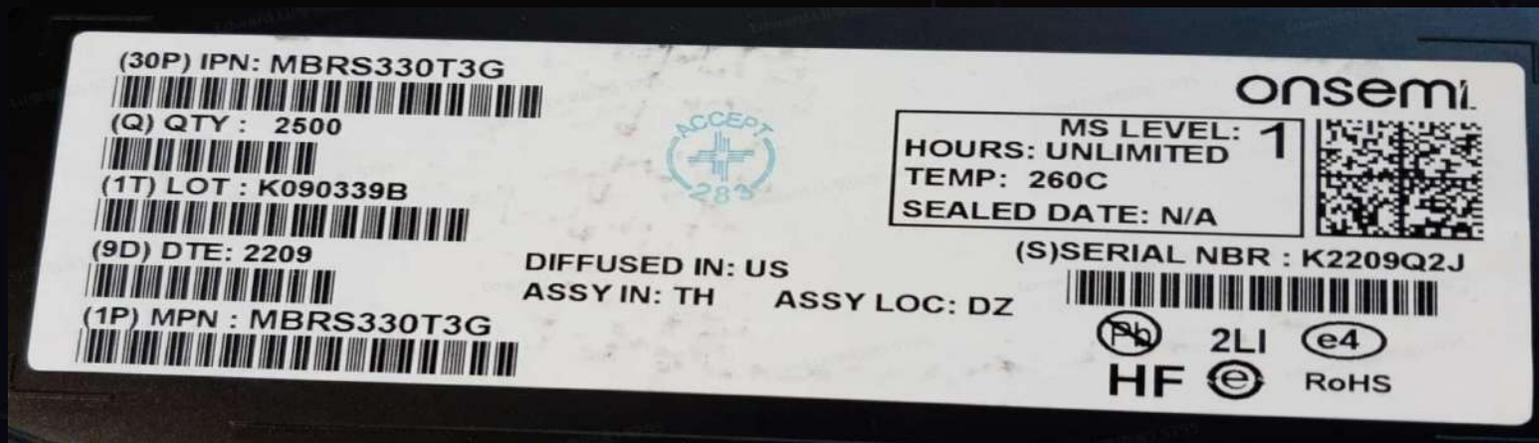
## 2.6 ON SEMICONDUCTOR

Part Number	Brand	Country of Manufacture	Date Code
SS26T3G +ONSEMI	ON SEMICONDUCTOR	CHINA	2142



**FAILED**

Part Number	Brand	Country of Manufacture	Date Code
MBRS330T3G	ON SEMICONDUCTOR	PHILIPPINES	2209



**FAILED**

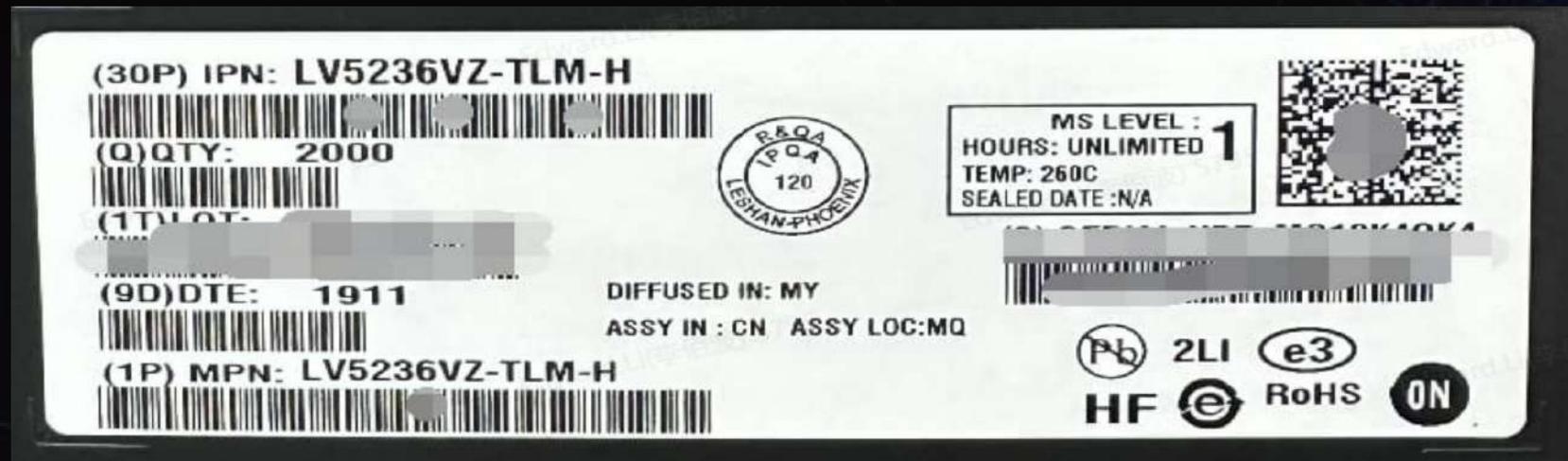
## 2.6 ON SEMICONDUCTOR

Part Number	Brand	Country of Manufacture	Date Code
MC74VHC1G02DFT1G	ON SEMICONDUCTOR	CHINA	2247



**FAILED**

Part Number	Brand	Country of Manufacture	Date Code
LV5236VZ-TLM-H	ON SEMICONDUCTOR	CHINA	19+



**FAILED**

## 2.7 STMICROELECTRONICS

BRIOCEAN

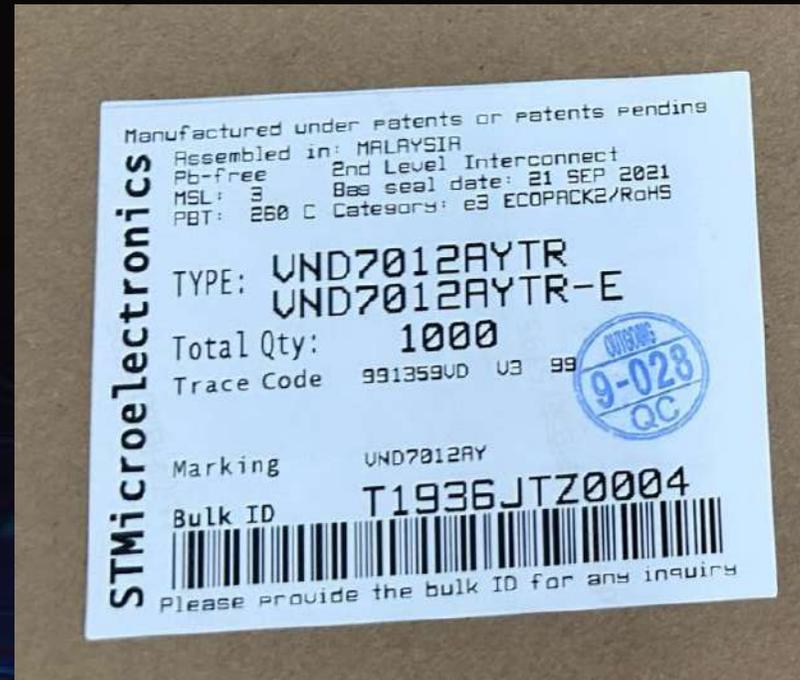
Part Number	Brand	Country of Manufacture	Date Code
SM15T33CA	STMICROELECTRONICS	CHINA	21+



**FAILED**

## 2.7 STMICROELECTRONICS

Part Number	Brand	Country of Manufacture	Date Code
VND7012AYTR	STMICROELECTRONICS	MALAYSIA	21+



**FAILED**

## 2.8 TEXAS INSTRUMENTS INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OPA333AIDBVR	TEXAS INSTRUMENTS INC	CHINA	22+



## 2.9 XILINX INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
XC7K325T-2FFG900I	XILINX INC	TAIWAN	UNKNOWN

(1T) LOT NUMBER : [REDACTED] **XILINX** (9D) DATE CODE : [REDACTED]

(P) PART NUMBER : XC7K325T-2FFG900I *3120*

(Q) QTY : 135 *2D* (Pb)

(P) CUSTOMER PROD ID : XC7K325T-2FFG900I.

PEAK BODY TEMP 245C +0/-5C (Z) PKG ID :

LPN : [REDACTED] MSL = 4 PB-Free COO: Made in TW

**FAILED**

## 2.9 XILINX INC

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



**FAILED**

## 2.10 YAGEO GROUP

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
RT1206BRD073KL	YAGEO GROUP	UNKNOWN	22+



**FAILED**

03

# Tier-2 Inspection Interception List

## 3.0 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.

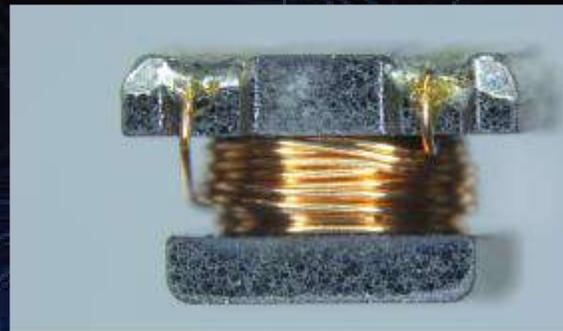
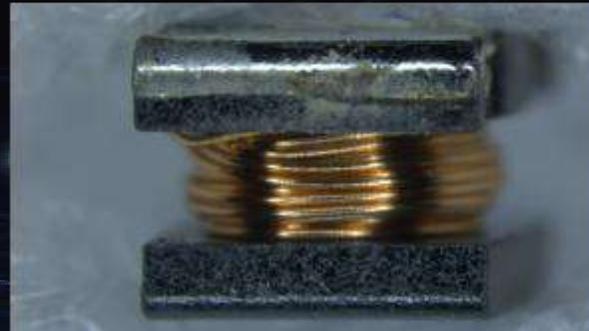
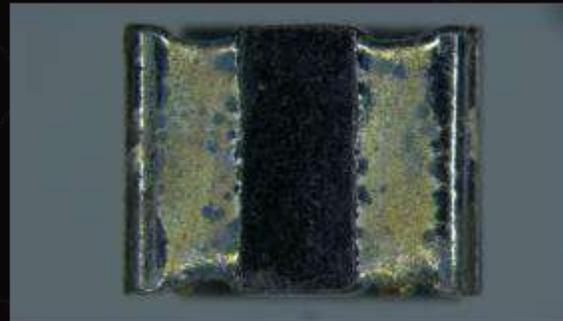
Counterfeit Interception Rate:



\*List is arranged in alphabetical order.

# 3.1 EVERLIGHT

Part Number	Brand	Country of Manufacture	Date Code
82473C	EVERLIGHT	UNKNOWN	21+

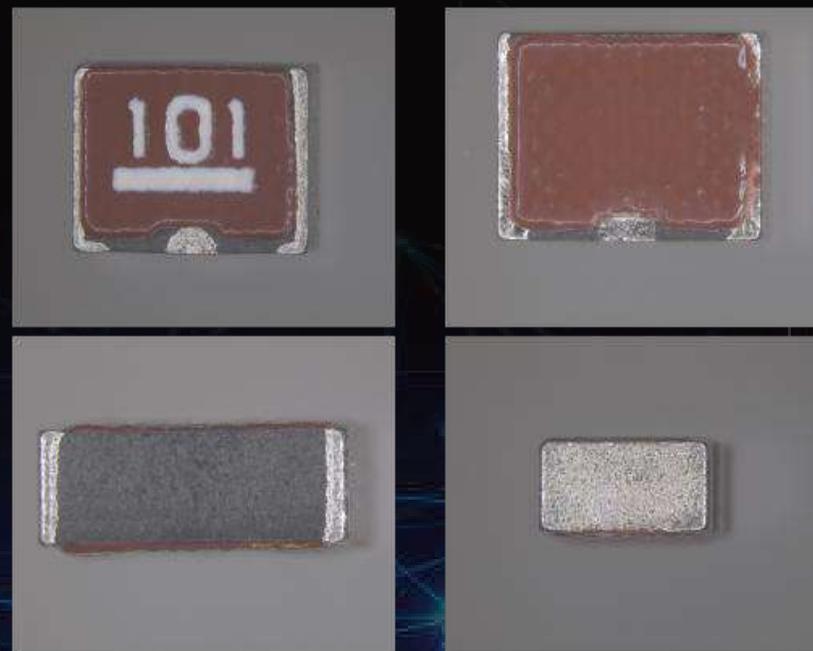


**FAILED**

## 3.2 EVERLIGHT

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ACF451832-101-TD01	EVERLIGHT	JAPAN	20+



**FAILED**

Brioccean Technology

THANK YOU

Your preferred supplier in global sourcing