

QUALITY ASSURANCE CENTRE

High-Risk or Counterfeit Parts Report

January 2024 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**
- 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 January 2024.

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 ABRACON

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ASEMB-8.000MHZ-LY-T	ABRACON	/	/



FAILED

2.2 DIODES

Part Number	Brand	Country of Manufacture	Date Code
DMG4435SSS-13	DIODES	CHINA	2303



FAILED

2.3 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SPD15P10PLGBTMA1	INFINEON TECHNOLOGIES	MALAYSIA	1938

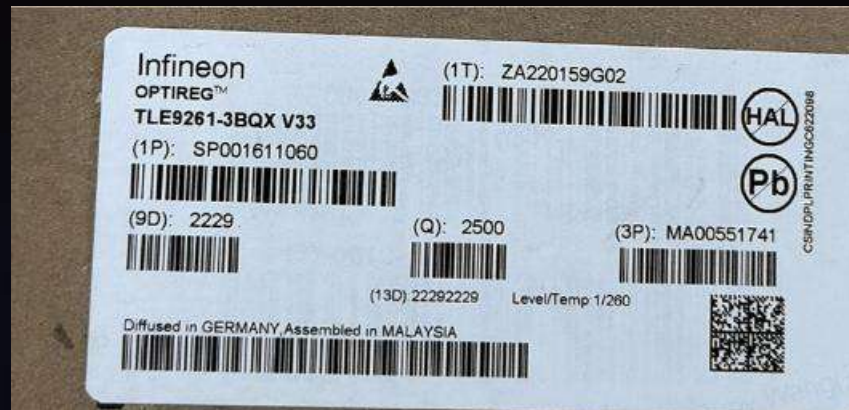


FAILED

2.3 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TLE9261-3BQX V33	INFINEON TECHNOLOGIES	MALAYSIA	2229



FAILED

2.4 IXYS CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
IXFN 180N20	IXYS CORPORATION	PHILIPPINES	/



FAILED

2.5 INTEL CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
EP1C12F256I7N	INTEL CORPORATION	KOREA	1907



FAILED

2.6 JAE

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ES5S001JFAR5500	JAE	JAPAN	2021



FAILED

2.7 LITEON

BRIOCEAN

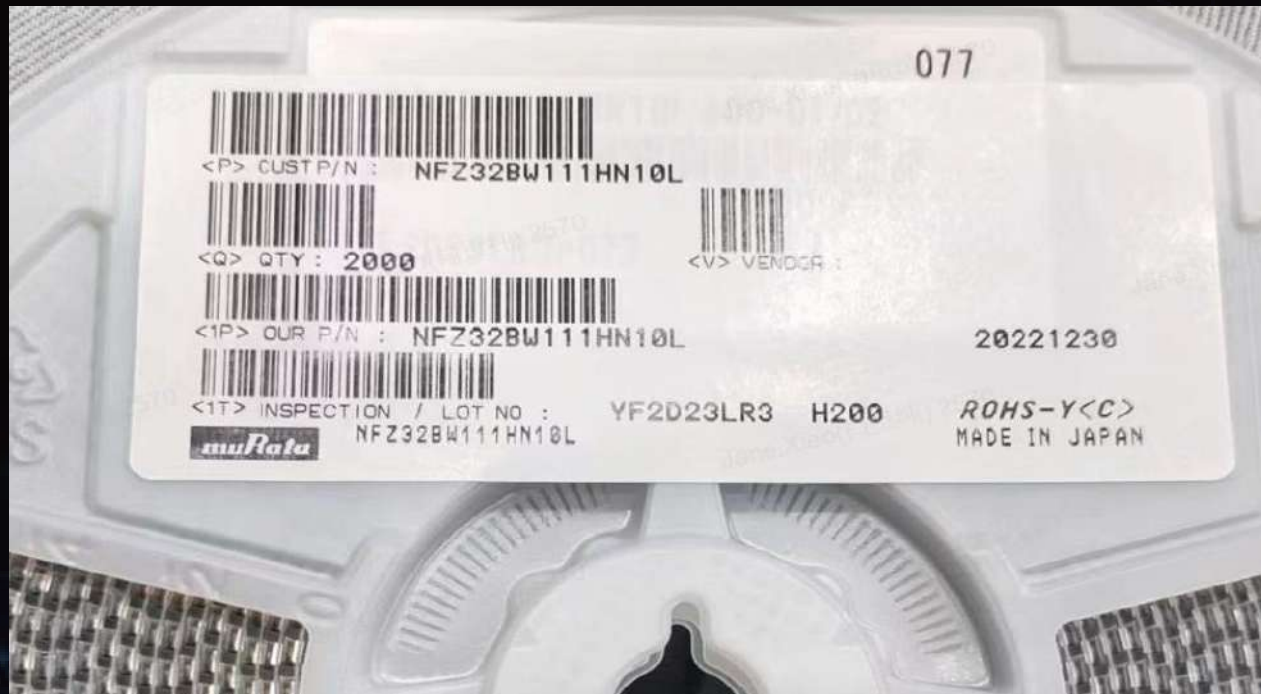
Part Number	Brand	Country of Manufacture	Date Code
LTST-C190KRKT	LITEON	CHINA	2136



FAILED

2.8 MURATA

Part Number	Brand	Country of Manufacture	Date Code
NFZ32BW111HN10L	MURATA	JAPAN	2022



FAILED

2.9 MAXIM INTEGRATED

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MAX3485ESA+T	MAXIM INTEGRATED	THAILAND	1942



FAILED

2.10 NXP SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
PCF7936AA/3851/C/6,122	NXP SEMICONDUCTOR	THAILAND	2144



FAILED

2.11

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
BSS84LT1G	ON SEMICONDUCTOR	CHINA	1838



2.11 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
FQA70N10	ON SEMICONDUCTOR	CHINA	2146



FAILED

2.11 ON SEMICONDUCTOR

BRIOCEAN

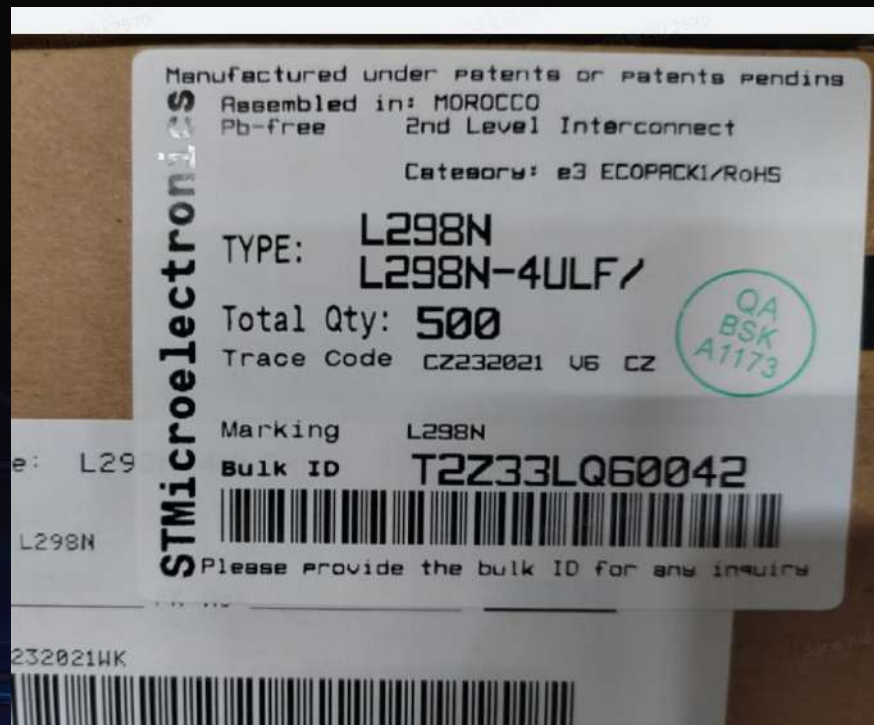
Part Number	Brand	Country of Manufacture	Date Code
MBRA1H100T3G	ON SEMICONDUCTOR	CHINA	2248



2.12 ST MICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
L298N	ST MICROELECTRONICS	MOROCCO	/

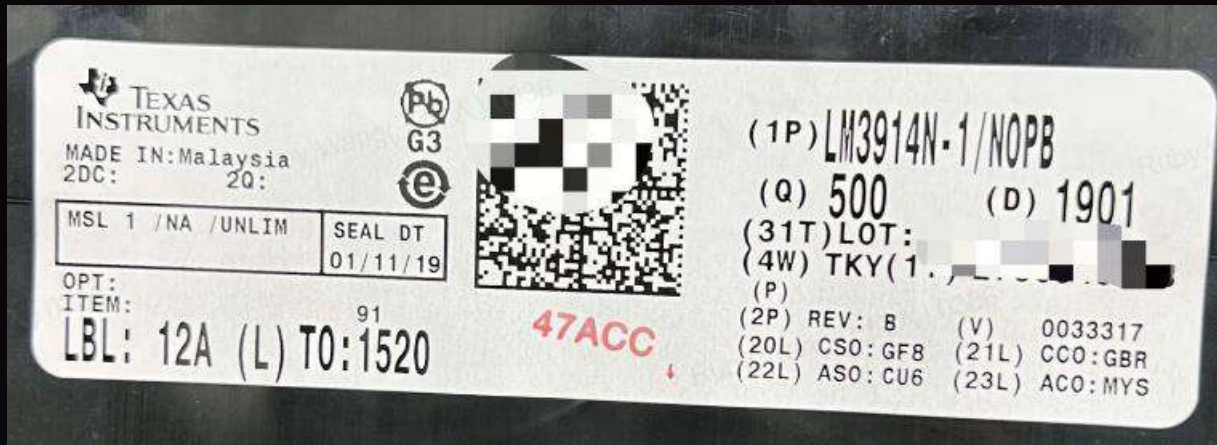


FAILED

2.13 TEXAS INSTRUMENTS INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM3914N-1/ NOPB	TEXAS INSTRUMENTS INC	MALAYSIA	1901



2.13 TEXAS INSTRUMENTS INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SN74LV245ADWR	TEXAS INSTRUMENTS INC	MALAYSIA	1606



FAILED

2.14 TOREX

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
XC6206P332MR-G	TOREX	/	2022



FAILED

2.14 TOREX

Part Number	Brand	Country of Manufacture	Date Code
XC6206P332MR-G	TOREX	/	2022



FAILED

2.15 TDK CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SLF7032T-100M1R4-2PF	TDK CORPORATION	CHINA	2342



FAILED

2.16 XILINX INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
XC5VLX30T-1FFG665I	XILINX INC	TAIWAN,CHINA	2133

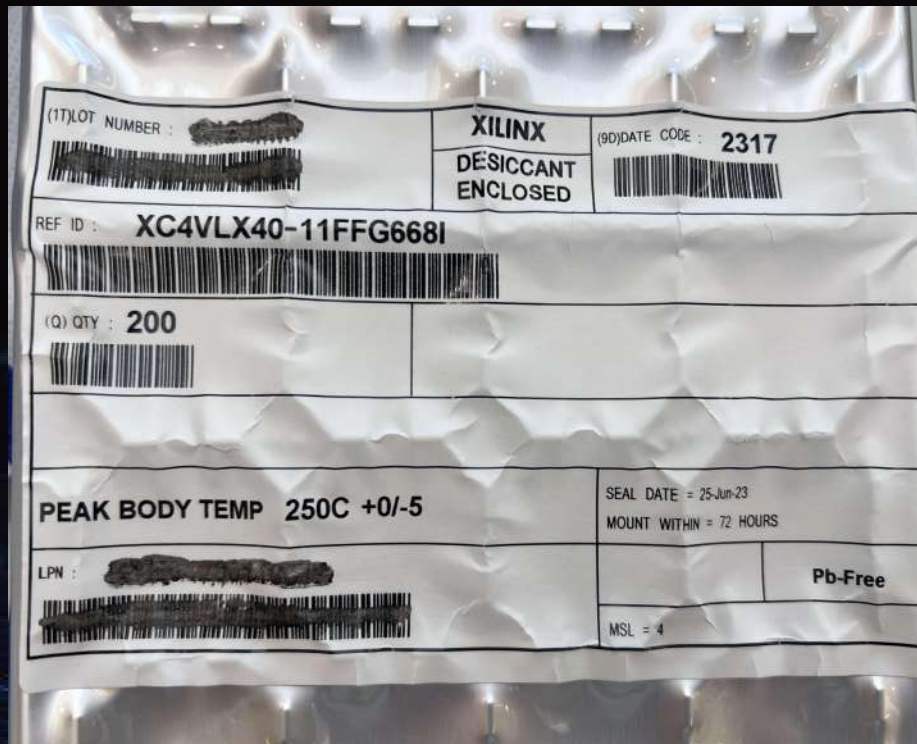
(1T) LOT NUMBER: [REDACTED]	XILINX	(9D) DATE CODE: 2133
(1P) PART NUMBER: XC5VLX30T-1FFG665I		
(Q) QUANTITY: 200		
(P) CUSTOMER PROD ID: XC5VLX30T-1FFG665I		
PEAK BODY TEMP 245C +0/-5C	PKG ID: [REDACTED]	
LPN: KYE65100 [REDACTED]		PB - Free
	MSL = 4	COO: Made in TW

FAILED

2.16 XILINX INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
XC4VLX40-11FFG668I	XILINX INC	/	2317



FAILED

2.16 XILINX INC

BRIOCEAN

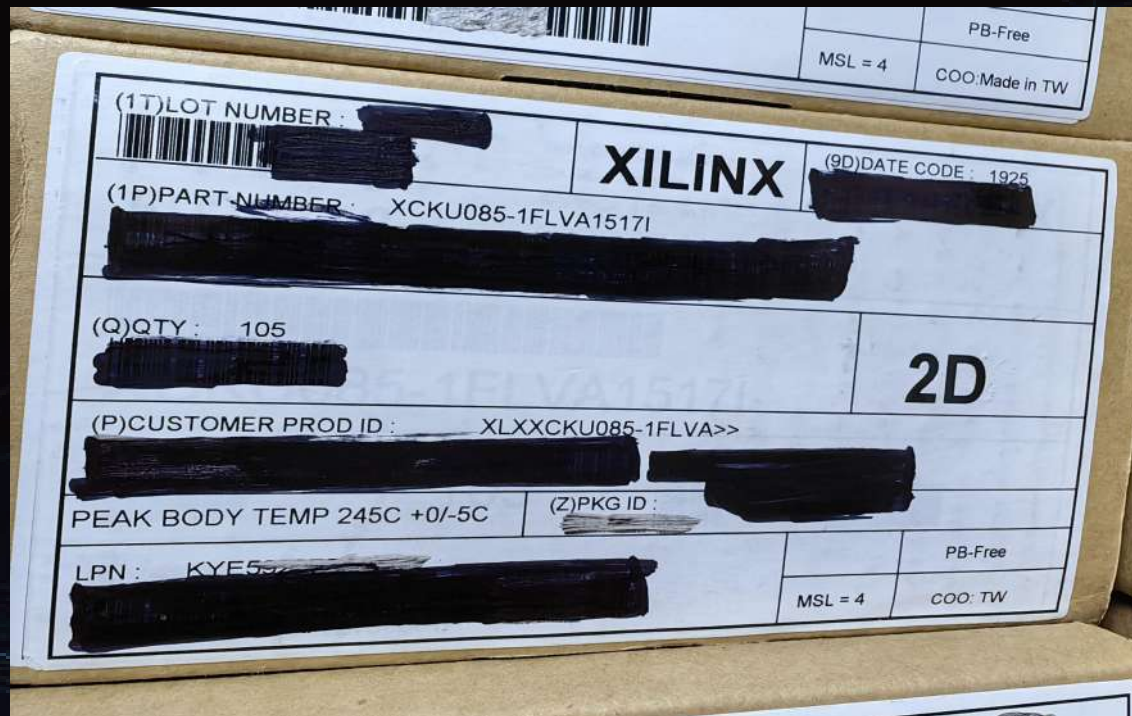
Part Number	Brand	Country of Manufacture	Date Code
XC4VLX40-11FFG668I	XILINX INC	/	2309



2.16 XILINX INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
XCKU085-1FLVA1517I	XILINX INC	TAIWAN,CHINA	1925



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:

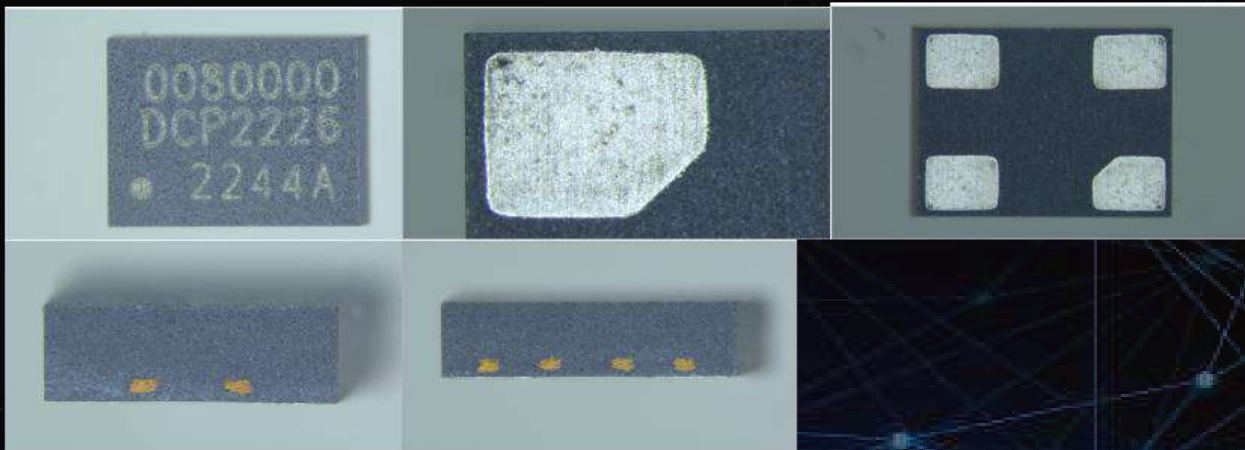


*List is arranged in alphabetical order.

3.1 ABRACON

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ASEMB-8.000MHZ-LY-T	ABRACON	/	/

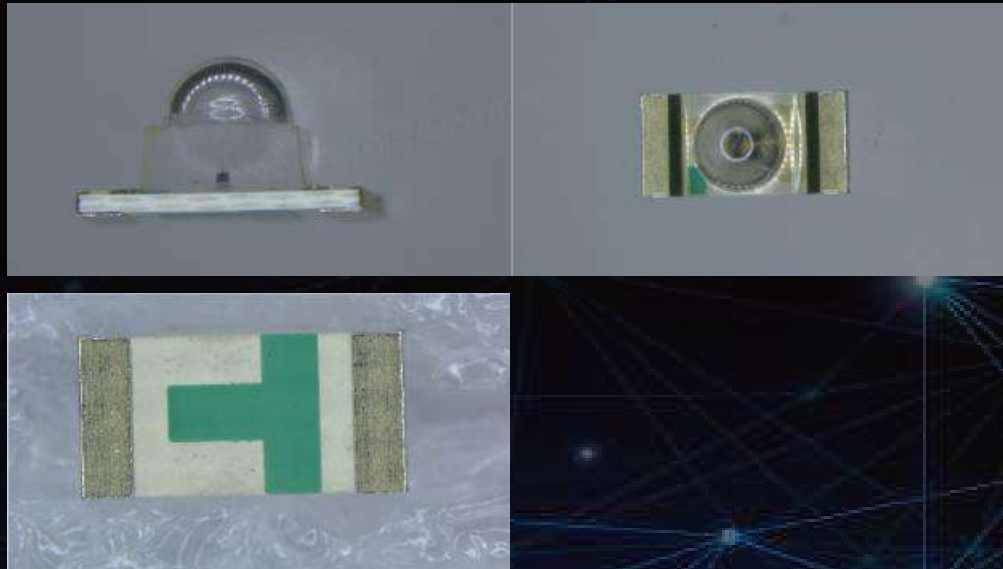


FAILED

3.2 KINGBRIGHT

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
KPTD-3216SYCK	KINGBRIGHT	CHINA	2206



FAILED

3.3 NXP SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MC7447AHX1000NB	NXP SEMICONDUCTOR	/	0515



3.4 OSRAM

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SFH 4725S	OSRAM	MALAYSIA	2245



FAILED

Brioccean Technology

THANK YOU

Your preferred supplier in global sourcing