

QUALITY ASSURANCE CENTRE

High-Risk or Counterfeit Parts Report

March 2023 Edition

A large graphic on the left side of the slide. It features a white square outline. Inside the square, a large diamond shape is oriented with its vertices at the corners of the square. The diamond has a color gradient from teal at the top-left to yellow at the bottom-right. The word "AGENDA" is written in a bold, black, sans-serif font in the center of the diamond.

AGENDA

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**About Briocean
Quality Assurance
Centre**

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**Tier-1 Inspection
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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 March 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 AOS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
A03406	AOS	CHINA	21K



2.3 EPCOS

Part Number	Brand	Country of Manufacture	Date Code
B88069X9231T253X2	EPCOS	CHINA	210715



2.4 HOLTEK

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
HT7530-1-SOT89-T&R	HOLTEK	UNKNOWN	2018/1/23



2.4 HOLTEK

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
HT9200A-8SOP	HOLTEK	UNKNOWN	C109G1563#



2.5 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BSS314PEH6327	INFINEON TECHNOLOGIES	CHINA	2131



2.5 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
IAUT150N10S5N035	INFINEON TECHNOLOGIES	UNKNOWN	2002



FAILED

2.5 INFINEON TECHNOLOGIES

BRIOCEAN

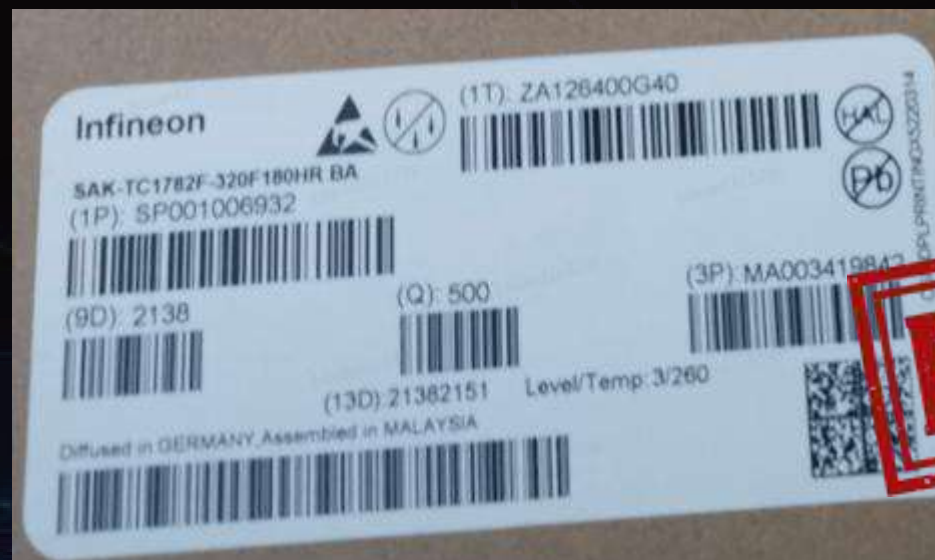
Part Number	Brand	Country of Manufacture	Date Code
IPD90P04P4L-04	INFINEON TECHNOLOGIES	MALAYSIA	2122



2.5 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SAK-TC1782F-320F180HR BA	INFINEON TECHNOLOGIES	MALAYSIA	2138



2.5 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SAK-TC1782F-320F180HR CA	INFINEON TECHNOLOGIES	MEXICO	2225



2.5 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SAK-XC2336B-40F80LR AB	INFINEON TECHNOLOGIES	MALAYSIA	2213



2.6 IXYS CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
IXFN82N60P	IXYS CORPORATION	PHILIPPINES	TP2138



2.6 IXYS CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MDO500-12N1	IXYS CORPORATION	GERMANY	2136



2.7 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
AT24C16D-SSHM-T	MICROCHIP TECHNOLOGY	PHILIPPINES	21+



2.7 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
AT24C16C-SSHM-T	MICROCHIP TECHNOLOGY	CHINA	2237



FAILED

2.7 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ATSAM3S4BA-MU	MICROCHIP TECHNOLOGY	TAIWAN,CHINA	2231



2.7 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ATXMEGA256A3-MH	MICROCHIP TECHNOLOGY	KOREA	2203



FAILED

2.8 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MC56F8345VFGE	NXP SEMICONDUCTORS	TAIWAN, CHINA	2138



2.8 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MC56F8345VFGE	NXP SEMICONDUCTORS	TAIWAN, CHINA	2134



FAILED

2.8 NXP SEMICONDUCTORS

Part Number	Brand	Country of Manufacture	Date Code
MC56F8345VFGE	NXP SEMICONDUCTORS	TAIWAN,CHINA	2129



2.8 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MFRC53101T/0FE	NXP SEMICONDUCTORS	UNKNOWN	2122



2.8 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
S912ZVC12F0VLF	NXP SEMICONDUCTORS	CHINA	2115



2.8 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
S9S12VR48AF0VLC	NXP SEMICONDUCTORS	CHINA	2129



2.8 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SJA1000T/N1	NXP SEMICONDUCTORS	THAILAND	2212



FAILED

2.9 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
NUP2105LT1G	ON SEMICONDUCTOR	CHINA	2213



2.9 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
1SMB5918BT3G	ON SEMICONDUCTOR	CHINA	2135



FAILED

2.9 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
FQP9N90C	ON SEMICONDUCTOR	CHINA	2242



FAILED

Part Number	Brand	Country of Manufacture	Date Code
MBRS340T3G	ON SEMICONDUCTOR	MALAYSIA	2202



2.9 ON SEMICONDUCTOR

BRIOCEAN

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



2.9 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
NCV7321D12R2G	ON SEMICONDUCTOR	PHILIPPINES	2216



2.9 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
NUP2105LT1G	ON SEMICONDUCTOR	CHINA	2213



2.9 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MBRS260T3G	ON SEMICONDUCTOR	MALAYSIA	2133



2.10 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
L9680	STMICROELECTRONICS	MALAYSIA	22+



2.10 STMICROELECTRONICS

BRIOCEAN

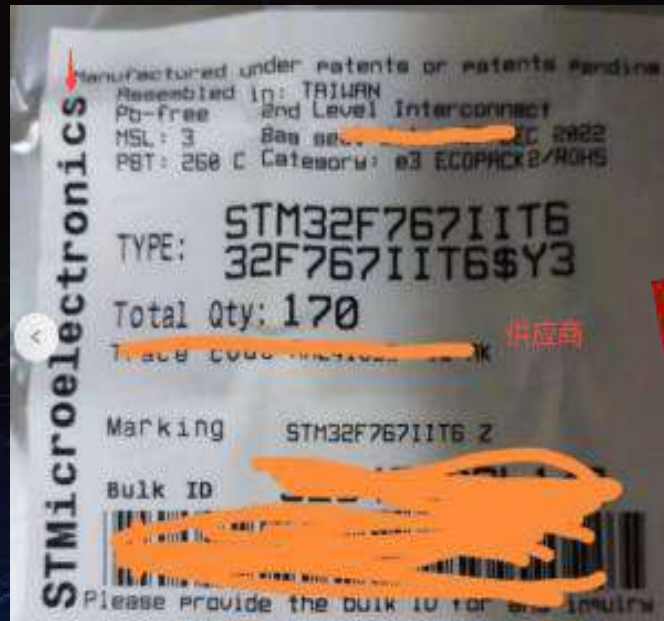
Part Number	Brand	Country of Manufacture	Date Code
SIE20034	STMICROELECTRONICS	MALAYSIA	22+



2.10 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
STM32F767IIT6	STMICROELECTRONICS	TAIWAN,CHINA	UNKNOWN



2.10 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
STM32H743XIH6	STMICROELECTRONICS	PHILIPPINES	2250



FAILED

2.10 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
STM32H743XIH6	STMICROELECTRONICS	PHILIPPINES	2023



2.10 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
VNH5180ATR-E	STMICROELECTRONICS	MALAYSIA	2021



2.11 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
AM3354BZCZA100	TEXAS INSTRUMENTS	PHILIPPINES	PAINTED



FAILED

2.11 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM2576HVT-12/NOPB	TEXAS INSTRUMENTS	MALAYSIA	2136+5



2.11 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM2676SX-ADJ/NOPB	TEXAS INSTRUMENTS	MALAYSIA	2114+5



2.11 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM2937ESX-5.0/NOPB	TEXAS INSTRUMENTS	MALAYSIA	2214+5



FAILED

2.11 TEXAS INSTRUMENTS

BRIOCEAN

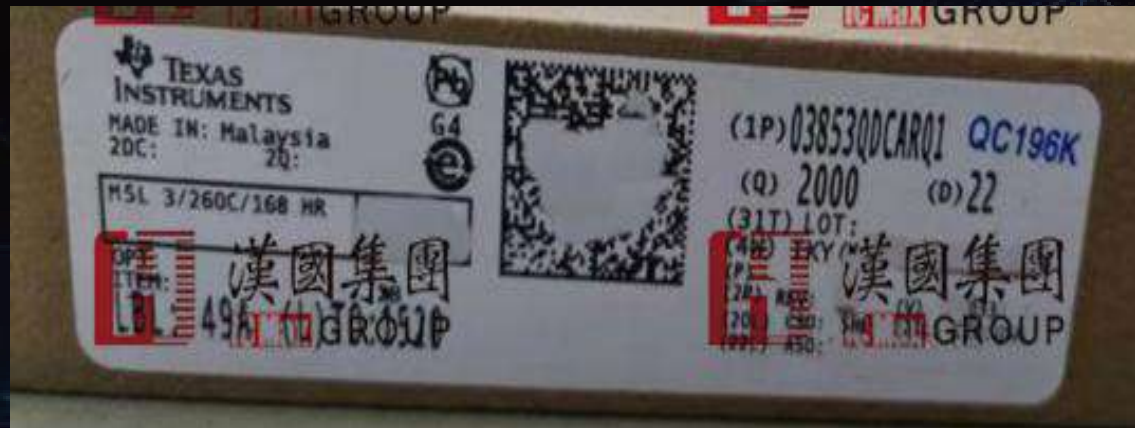
Part Number	Brand	Country of Manufacture	Date Code
LM393N/NOPB	TEXAS INSTRUMENTS	MALAYSIA	2116+5



2.11 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
O3853QDCARQ1	TEXAS INSTRUMENTS	MALAYSIA	22

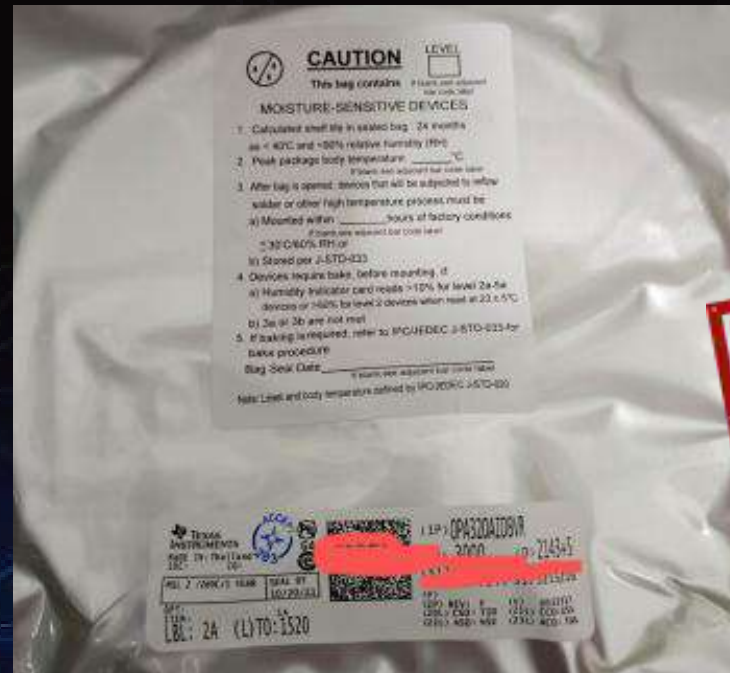


FAILED

2.11 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OPA2333AIDRBR	TEXAS INSTRUMENTS	THAILAND	2143+5



FAILED

2.11 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TPS7A3001DGNR	TEXAS INSTRUMENTS	THAILAND	PAINTED



2.11 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
UCC27211AQDDARQ1	TEXAS INSTRUMENTS	CHINA	2243



2.11 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
UCC28070PWR	TEXAS INSTRUMENTS	MALAYSIA	2220+5



2.12

VISHAY INTERTECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SI2371EDS-T1-GE3	VISHAY INTERTECHNOLOGY	CHINA	2022

**FAILED**

2.13 XILINX

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
XC6SLX9-2TQG144I	XILINX	PAINTED	21+



03

Tier-2 Inspection Interception List

3.1 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.

3.2 HOLTEK

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
HT9200A	HOLTEK	N/A	21+



Brioccean Technology

THANK YOU

Your preferred supplier in global sourcing