

QUALITY ASSURANCE CENTRE

High-Risk or Counterfeit Parts Report

February 2023 Edition

A large, stylized diamond shape is centered on the left side of the slide. It has a green-to-yellow gradient and is superimposed over a white square outline. The word "AGENDA" is written in white, bold, 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

01 Brioccean Quality Assurance Centre

BRIOCCEAN

Brioccean 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.



01 Briocan Quality Assurance Centre

BRIOCAN

As an industry leader in QC, Briocan 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 Briocan QA Centre's inspection engineers. This list comprises of the shipments intercepted in the month of February 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.

Part Number	Brand	Country of Manufacture	Date Code
LT8652SIV#WPBF	ANALOG DEVICES	KOREA	2201



2.2 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BSS83PH6327	INFINEON TECHNOLOGIES	CHINA	2217



2.2 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BSS83PH6327	INFINEON TECHNOLOGIES	CHINA	2022



2.2 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
BSS83PH6327	INFINEON TECHNOLOGIES	UNKNOWN	2232



2.2 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
FS400R07A1E3	INFINEON TECHNOLOGIES	CHINA	1910



2.2 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SAK-TC264D-40F200N BC	INFINEON TECHNOLOGIES	TAIWAN, CHINA	2128



2.2 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SAK-TC264D-40F200N BC	INFINEON TECHNOLOGIES	TAIWAN, CHINA	2215



2.2 INFINEON TECHNOLOGIES

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SAK-TC1724N-192F80HR AB	INFINEON TECHNOLOGIES	MALAYSIA	1911



2.3 INTEL CORPORATION

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
EP4CE22U14I7N	INTEL CORPORATION	KOREA	1919



2.4 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ATXMEGA128A1-AU	MICROCHIP TECHNOLOGY	TAIWAN, CHINA	2134



2.4 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ATXMEGA256A3U-MH	MICROCHIP TECHNOLOGY	KOREA	2124



2.4 MICROCHIP TECHNOLOGY

BRIOCEAN

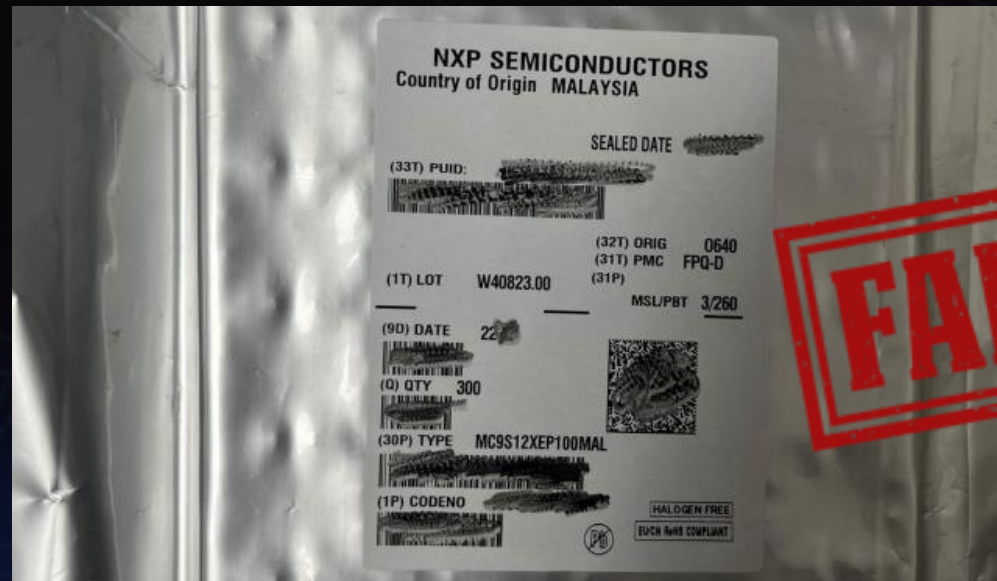
Part Number	Brand	Country of Manufacture	Date Code
MCP1703T-3302E / CB	MICROCHIP TECHNOLOGY	TAIWAN, CHINA	2236



2.5 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MC9S12XEP100MAL	NXP SEMICONDUCTORS	MALAYSIA	PAINTED



2.5 NXP SEMICONDUCTORS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
S912ZVC12F0VLF	NXP SEMICONDUCTORS	CHINA	2235



2.6

ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MBR0530T1G	ON SEMICONDUCTOR	CHINA	2230

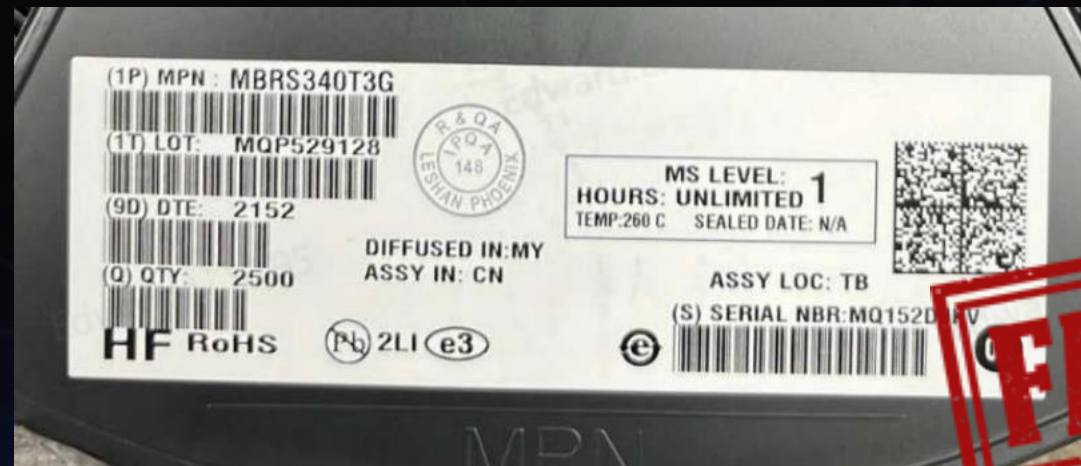


2.6

ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MBRS340T3G	ON SEMICONDUCTOR	CHINA	2152



2.6 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
MBRS340T3G	ON SEMICONDUCTOR	CHINA	2205



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



2.6 ON SEMICONDUCTOR

Part Number	Brand	Country of Manufacture	Date Code
NCV7321D12R2G	ON SEMICONDUCTOR	PHILIPPINES	2227



2.6 ON SEMICONDUCTOR

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
NRVB5100MFST1G	ON SEMICONDUCTOR	MALAYSIA	2150



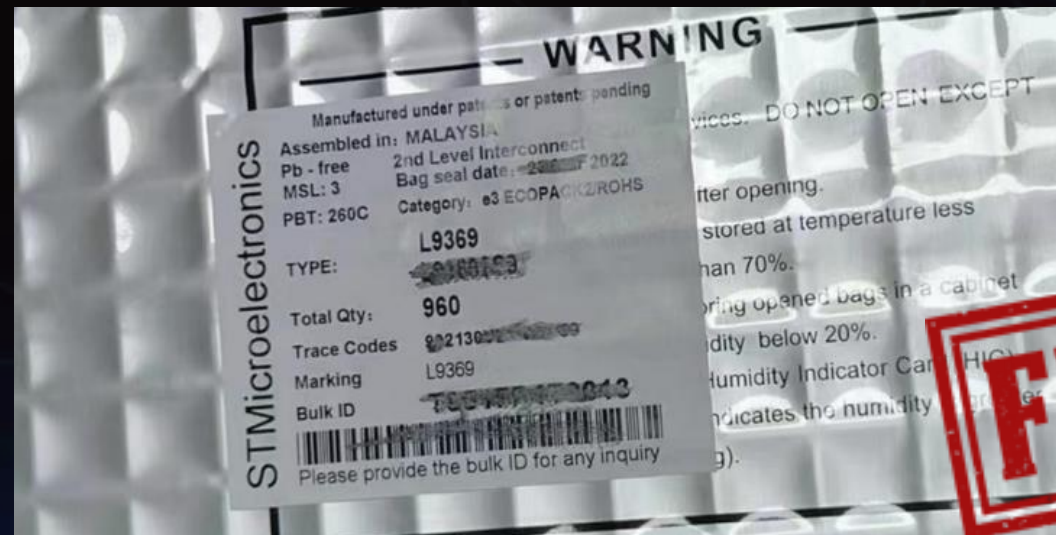
供应商

FAILED

2.7 STMICROELECTRONICS

BRIOCEAN

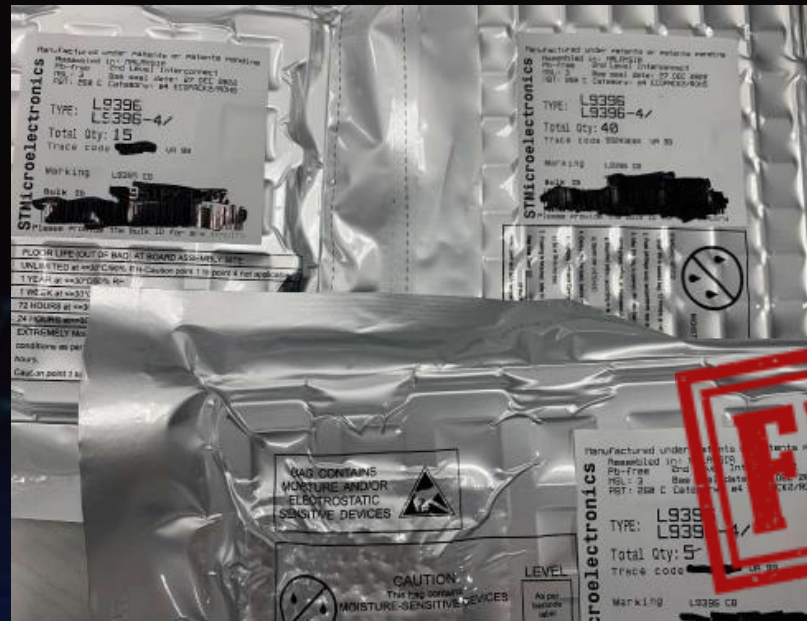
Part Number	Brand	Country of Manufacture	Date Code
L9396	STMICROELECTRONICS	MALAYSIA	2213



2.7 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
L9396	STMICROELECTRONICS	MALAYSIA	2022



2.7 STMICROELECTRONICS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
STM32F746BGT6	STMICROELECTRONICS	PHILIPPINES	UNKNOWN



2.8 TEXAS INSTRUMENTS

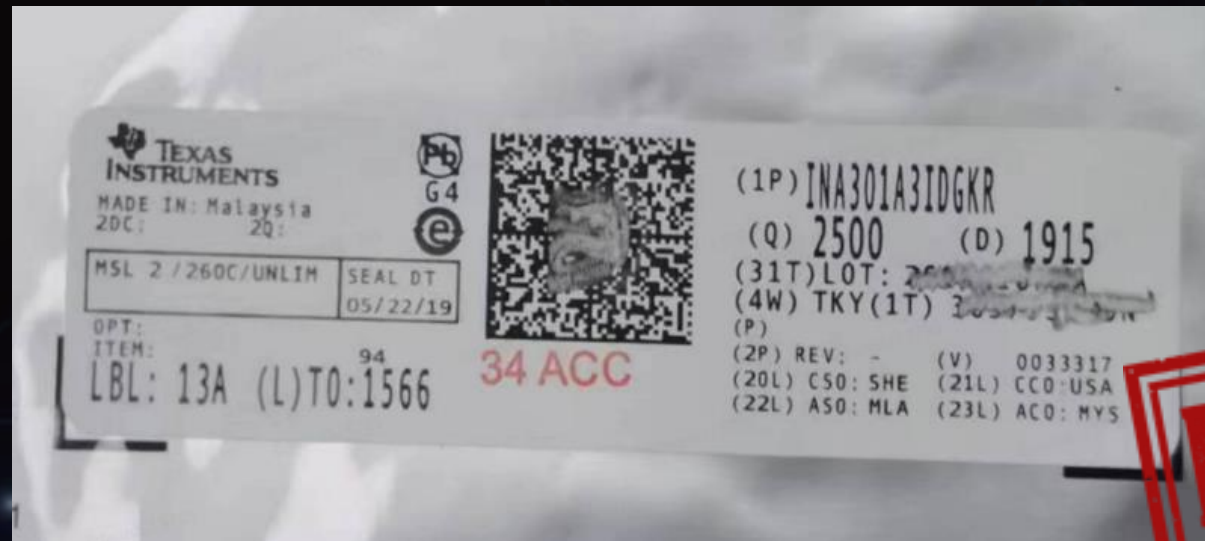
Part Number	Brand	Country of Manufacture	Date Code
INA301A3IDGKR	TEXAS INSTRUMENTS	MALAYSIA	1926+5



2.8 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
INA301A3IDGKR	TEXAS INSTRUMENTS	MALAYSIA	1915



2.8 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM2672MX-ADJ/NOPB	TEXAS INSTRUMENTS	MALAYSIA	2236



2.8

TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM2936IMPX-3.3/NOPB	TEXAS INSTRUMENTS	CHINA	2203+5



2.8

TEXAS INSTRUMENTS

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
LM2936MP-3.3/NOPB	TEXAS INSTRUMENTS	CHINA	2203+5

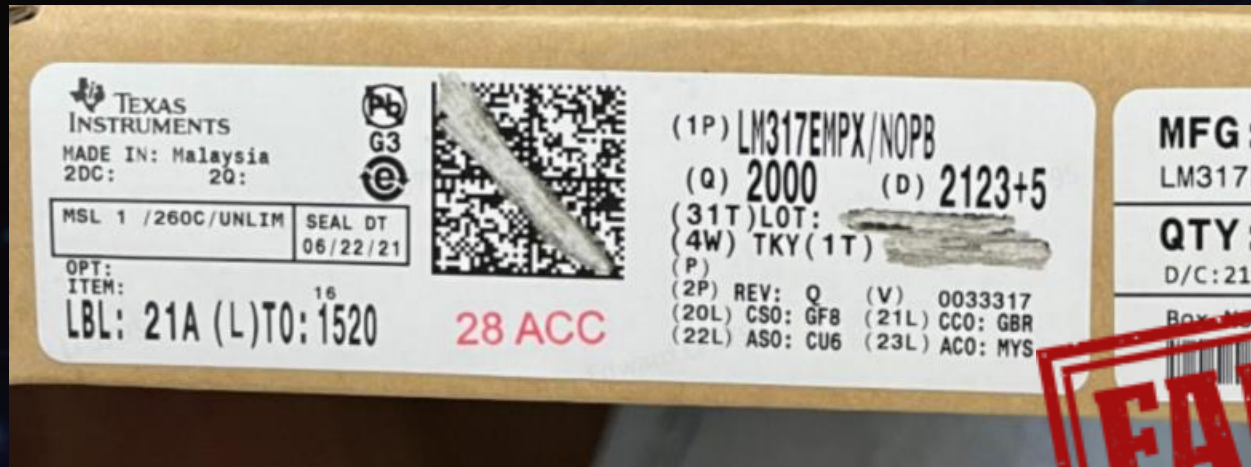


2.8

TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
LM317EMPX/NOPB	TEXAS INSTRUMENTS	MALAYSIA	2123+5



2.8 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OPA379AIDCKR	TEXAS INSTRUMENTS	MALAYSIA	2223



2.8

TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
OPA827AIDGKR	TEXAS INSTRUMENTS	CHINA	2201+5



2.8

TEXAS INSTRUMENTS

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
REF3112AIDBZR	TEXAS INSTRUMENTS	THAILAND	2237+5



2.8 TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
TPD2E007DCKR	TEXAS INSTRUMENTS	THAILAND	2207



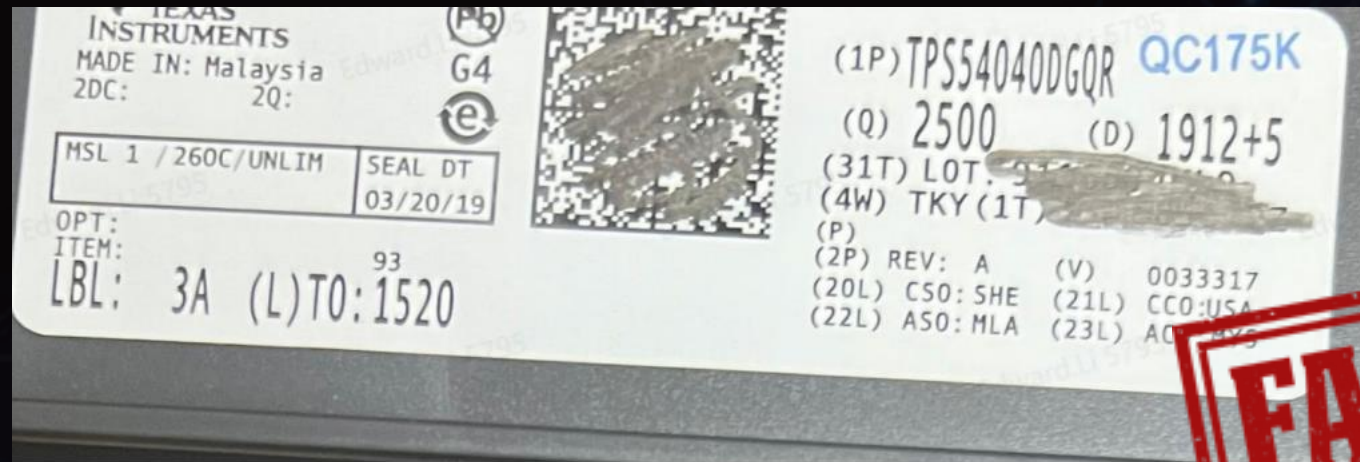
FAILED

2.8

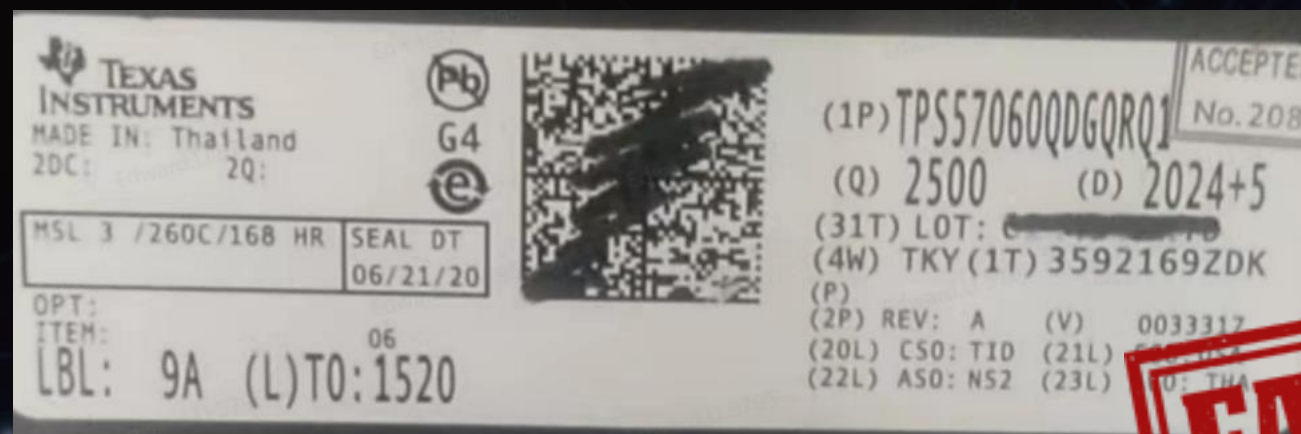
TEXAS INSTRUMENTS

BRIOCÉAN

Part Number	Brand	Country of Manufacture	Date Code
TPS54040DGQR	TEXAS INSTRUMENTS	MALAYSIA	1912+5



Part Number	Brand	Country of Manufacture	Date Code
TPS57060QDGQRQ1	TEXAS INSTRUMENTS	THAILAND	2024+5



2.8

TEXAS INSTRUMENTS

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
UCC27211AQDDARQ1	TEXAS INSTRUMENTS	MALAYSIA	PAINTED



Part Number	Brand	Country of Manufacture	Date Code
XC62FP3502PR	TOREX SEMICONDUCTOR	/	2021



Part Number	Brand	Country of Manufacture	Date Code
SI2319CDS-T1-GE3	VISHAY INTERTECHNOLOGY	CHINA	2225



2.10

VISHAY INTERTECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SI3932DV-T1-GE3	VISHAY INTERTECHNOLOGY	CHINA	2146



2.10

VISHAY INTERTECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
Si4178DY-T1-GE3	VISHAY INTERTECHNOLOGY	CHINA	2132

**FAILED**

2.10

VISHAY INTERTECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
SUM70030E-GE3	VISHAY INTERTECHNOLOGY	MALAYSIA	2215

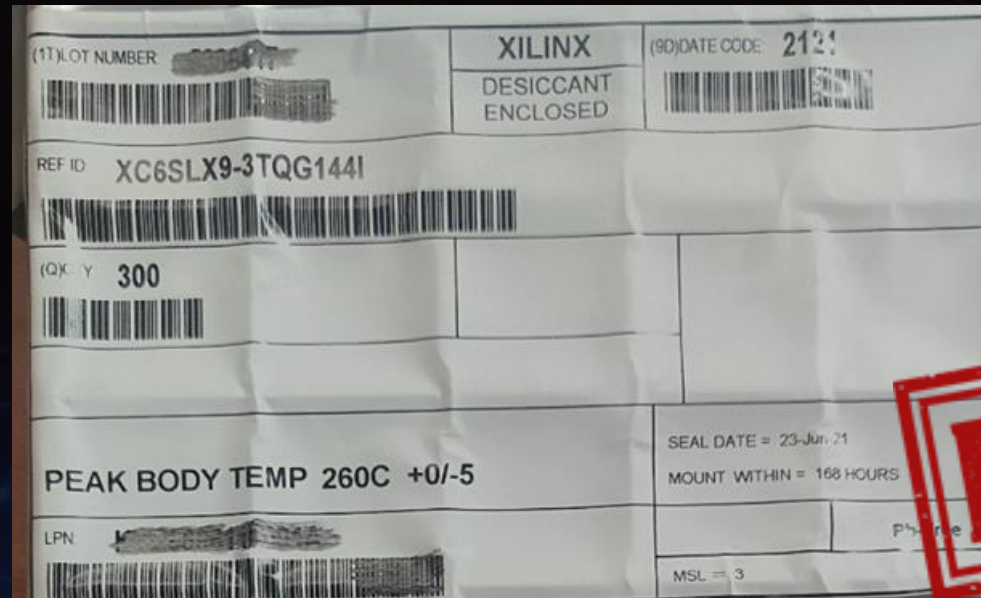


2.11

XILINX, INC

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
XC6SLX9-3TQG144I	XILINX	UNKNOWN	2121



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 AVAGO

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
HCPL-316J-500E	AVAGO	THAILAND	2142



3.3 INFINEON TECHNOLOGIES

BRIOCEAN

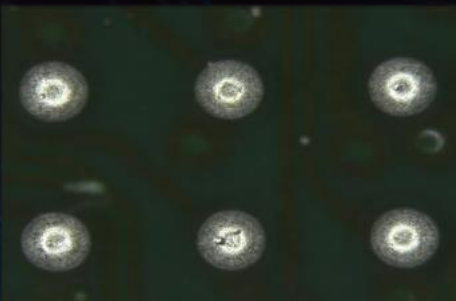
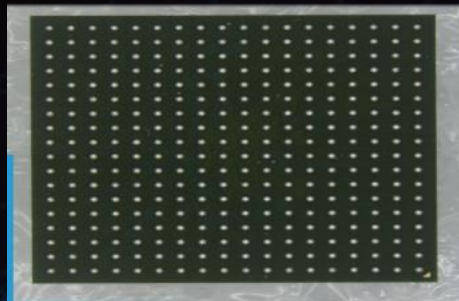
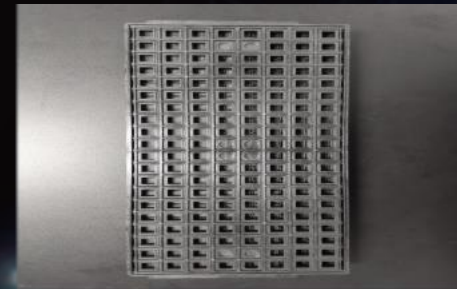
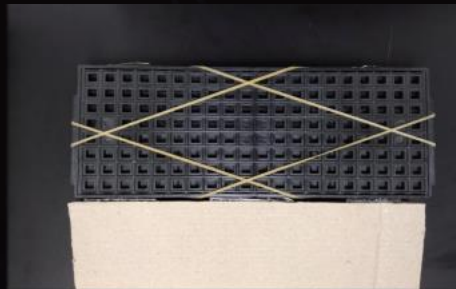
Part Number	Brand	Country of Manufacture	Date Code
IPG20N06S2L-35A	INFINEON TECHNOLOGIES	N/A	1335



3.4 MICROCHIP TECHNOLOGY

BRIOCEAN

Part Number	Brand	Country of Manufacture	Date Code
ATSAMA5D34A-CU	MICROCHIP TECHNOLOGY	MALAYSIA	2128



FAILED

Briocean Technology

THANK YOU

Your preferred supplier in global sourcing