

**Client Name:** MYIR ELECTRONICS LIMITED  
**Client Address:** 2/F,BUILDING C,SHENGJIANLI INDUSTRIAL PARK, DAFU INDUSTRIAL ZONE,GUANLAN STREET,LONGHUA DISTRICT,SHENZHEN.

**Sample Name:** MYC-CZU3EG-V3 SOM  
**Tested Basic Model No.:** MYC-CZU3EG-V3-8E4D-1200-I  
**Client Ref. Information:** Please see Attachment

The above sample(s) and information were provided by the client.

**SGS Job No.:** SZP26-006292  
**Sample Receiving Date:** Feb 04, 2026  
**Verification Period:** Feb 04, 2026 ~ Mar 04, 2026  
**Verification Requested:** With reference to RoHS Directive (EU) 2015/863 amending 2011/65/EU.  
**Verification Method(s):** Please refer to next page(s).  
**Verification Result(s):** Please refer to next page(s).

**Test Result Summary:**

Test Items	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

Signed for and on behalf of  
 SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

*May*

May Bei  
 Approved Signatory

Scan to see the report



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Photo of Submitted Sample



**Verification Method(s):**

1. With reference to IEC 62321-2:2021, disassembly and disjointment were performed for the submitted samples.
2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report.
  - (1) With reference to IEC 62321-3-1:2013, screening by EDXRF spectroscopy.
  - (2) Wet chemical test method: With reference to IEC 62321-4:2013+A1:2017, IEC62321-5:2013, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-12:2023, IEC 62321-6:2015 and IEC62321-8:2017 , analyzed by ICP-OES,UV-Vis and GC-MS.



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**Verification Part Description:**

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SZX26-0007223-0001.C001	White plastic label with black printing
SN2	A2	SZX26-0007223-0001.C002	Silvery metal part
SN3	A3	SZX26-0007223-0001.C003	Gray material
SN4	A4	SZX26-0007223-0001.C004	Black body
SN5	A5	SZX26-0007223-0001.C005	Dull silvery chip capacitor body
SN6	A6	SZX26-0007223-0001.C006	Black body
SN7	A7	SZX26-0007223-0001.C007	Black body
SN8	A8	SZX26-0007223-0001.C008	Black body
SN9	A9	SZX26-0007223-0001.C009	Silvery crystal oscillator body
SN10	A10	SZX26-0007223-0001.C010	Black body
SN11	A11	SZX26-0007223-0001.C011	Black body
SN12	A12	SZX26-0007223-0001.C012	Black body
SN13	A13	SZX26-0007223-0001.C013	Brown chip capacitor body
SN14	A14	SZX26-0007223-0001.C014	Black body
SN15	A15	SZX26-0007223-0001.C015	Black body
SN16	A16	SZX26-0007223-0001.C016	Silvery body
SN17	A17	SZX26-0007223-0001.C017	Green "PCB"
SN18	A18	SZX26-0007223-0001.C018	Silvery metal solder
SN19	A19	SZX26-0007223-0001.C019	Silvery metal solder
SN20	A20	SZX26-0007223-0001.C020	Black "PCB"
SN21	A21	SZX26-0007223-0001.C021	Brown chip capacitor body
SN22	A22	SZX26-0007223-0001.C022	Silvery crystal oscillator body
SN23	A23	SZX26-0007223-0001.C023	Black plastic part
SN24	A24	SZX26-0007223-0001.C024	Golden metal pin



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**Verification Result(s):**

In accordance with the result of material risk assessment, the following disjointed parts in the submitted sample have been verified. (Unless otherwise specified, the unit is mg/kg).

Test Item(s)	A1	A2	A3	A4	A5	A6	A7	A8
Pb	BL							
Hg	BL							
Cd	BL							
Cr(VI)▼	BL	BL	BL	BL	ND	BL	ND	BL
PBB	BL	---	BL	BL	BL	BL	BL	BL
PBDE	BL	---	BL	BL	BL	BL	BL	BL
DEHP	ND	---	BL	BL	BL	BL	BL	BL
BBP	ND	---	BL	BL	BL	BL	BL	BL
DBP	ND	---	BL	BL	BL	BL	BL	BL
DIBP	ND	---	BL	BL	BL	BL	BL	BL
Conclusion	PASS							

Test Item(s)	A9	A10	A11	A12	A13	A14	A15	A16
Pb	BL							
Hg	BL							
Cd	BL							
Cr(VI)▼	ND	BL						
PBB	BL							
PBDE	BL							
DEHP	ND	BL	BL	BL	BL	BL	ND	BL
BBP	ND	BL	BL	BL	BL	BL	ND	BL
DBP	ND	BL	BL	BL	BL	BL	ND	BL
DIBP	ND	BL	BL	BL	BL	BL	ND	BL
Conclusion	PASS							

Test Item(s)	A17	A18	A19	A20	A21	A22	A23	A24
Pb	BL							
Hg	BL							
Cd	BL							
Cr(VI)▼	BL	BL	BL	BL	BL	ND	BL	BL
PBB	BL	---	---	ND	BL	BL	BL	---
PBDE	BL	---	---	ND	BL	BL	BL	---
DEHP	BL	---	---	ND	BL	ND	BL	---
BBP	BL	---	---	ND	BL	ND	BL	---
DBP	BL	---	---	ND	BL	ND	BL	---
DIBP	BL	---	---	ND	BL	ND	BL	---
Conclusion	PASS							



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**Notes:**

(1) Interpretation of screening results by X-ray fluorescence spectrometry (XRF):

(a) Screening limits in mg/kg for regulated elements in various matrices according to IEC 62321-3-1:2013 Annex A as below table.

Element	Polymers	Metals	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	Not applicable	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

(b) If the maximum allowed level restricts PBB/PBDE and Cr(VI) rather than Br and Cr, the exceptions are the XRF determinations of Br and Cr. If the quantitative results for the elements Br and/or Cr are higher than the limit (for Br calculated based on the stoichiometry of Br in the most common congeners of PBB/PBDE), the sample is "inconclusive".

(c) Results are obtained by EDXRF for primary screening, LOD = Limit of Detection, BL = Below Limit, OL= Over Limit, IN (The symbol X marks the region)=Inconclusive, where further investigation is necessary, and further chemical testing by ICP-OES (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBB/PBDE) are recommended to be performed.

(d) The EDXRF screening test for elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

(2) Screening results of Phthalates (PHTH) below the limits are shown as "BL". Further chemical testing by GC-MS is to be performed if the results exceed limits.

Test Items	CAS No.
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7
Butyl benzyl phthalate (BBP)	85-68-7
Dibutyl phthalate (DBP)	84-74-2
Diisobutyl phthalate (DIBP)	84-69-5

(3) Interpretation of results by chemical tests:

(a) mg/kg = 0.0001%, MDL=Method detection Limit, ND = Not Detected (<MDL), --- = Not Applicable.

(b) Unit and MDL in wet chemical test

Test Items	Pb	Hg	Cd	DEHP	BBP	DBP	DIBP
Unit	mg/kg						
MDL	10	10	10	100	100	100	100

The MDL for single compound of PBB and PBDE is 100 mg/kg,

MDL of Cr(VI) for polymer, composite and leather sample is 10 mg/kg.

MDL of Cr(VI) for metal sample is 0.10 µg/cm².

(c) ▼ =Metal sample

a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm². The sample coating is considered to contain Cr(VI).

b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-Cr(VI) based coating

c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive-unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.



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- (4) Restricted substances and maximum concentration values tolerated by weight in homogeneous materials under RoHS Directive: Cd: 0.01%, Pb/Hg/Cr(VI)/PBB/PBDE/DEHP/BBP/DBP/DIBP: 0.1%. The limit is quoted from RoHS Directive (EU) 2015/863.
- (5) IEC 62321 series is equivalent to EN 62321 series.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $w=0$ ) stated in ILAC-G8:09/2019.



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Attachment:

## MYC-CZU3EG-V3-8E4D-1200-I (BX)

① ② ③ ④

① Indicates the eMMC capacity, which can be 4-4GB, 8-8GB, 16-16GB, 32-32GB, and so forth.

② Represents the RAM capacity, available in options such as 1-1GB, 2-2GB, 4-4GB, 8-8GB and others.

③ Signifies the operating temperature range; options include I (Operating temperature -40°C to +85°C), C (Operating temperature 0°C to +70°C).

④ Identifies standby material specifications used to distinguish various brands; BX can be left blank or specified as B1, B2, and so on.



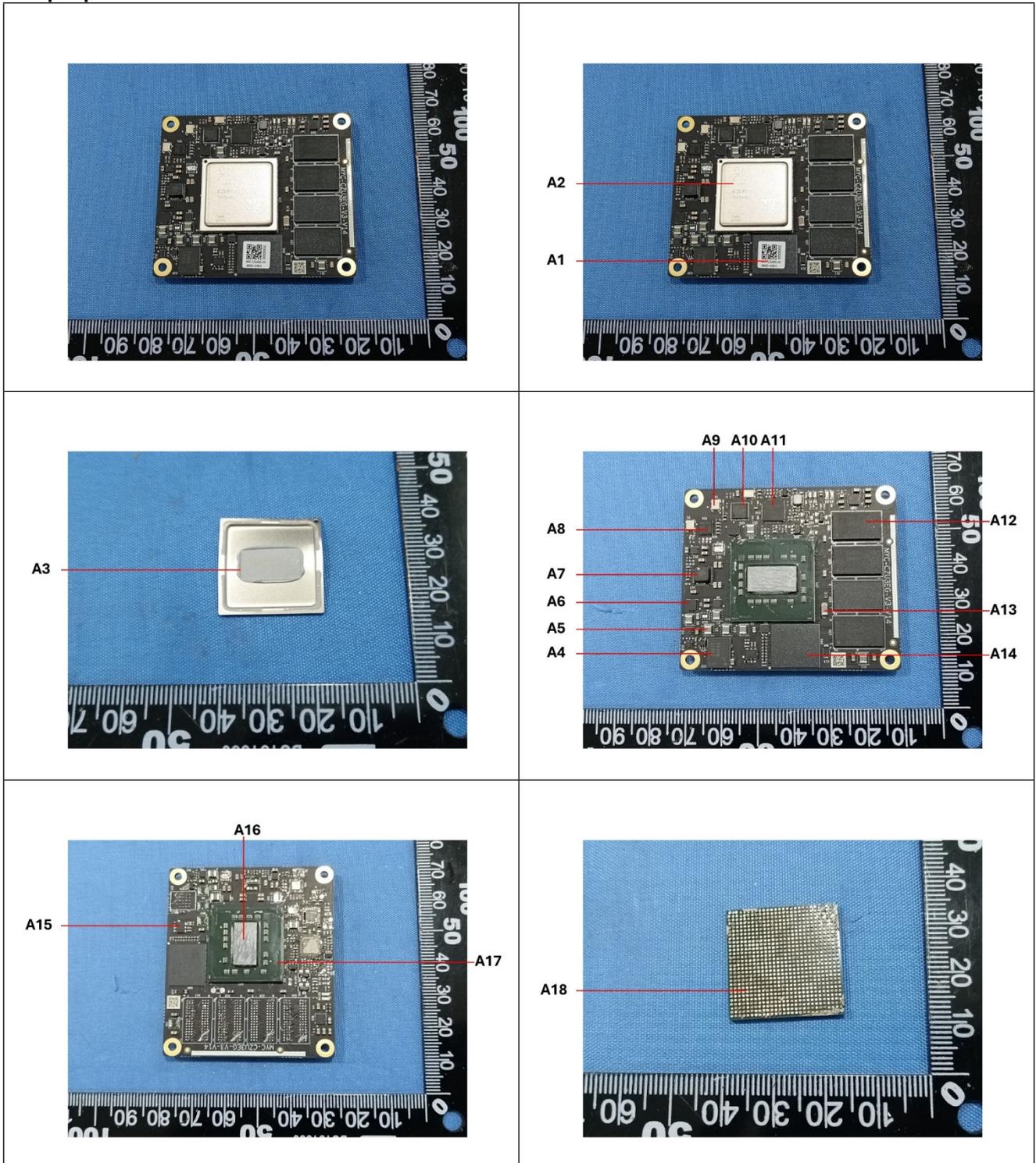
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Sample photos:

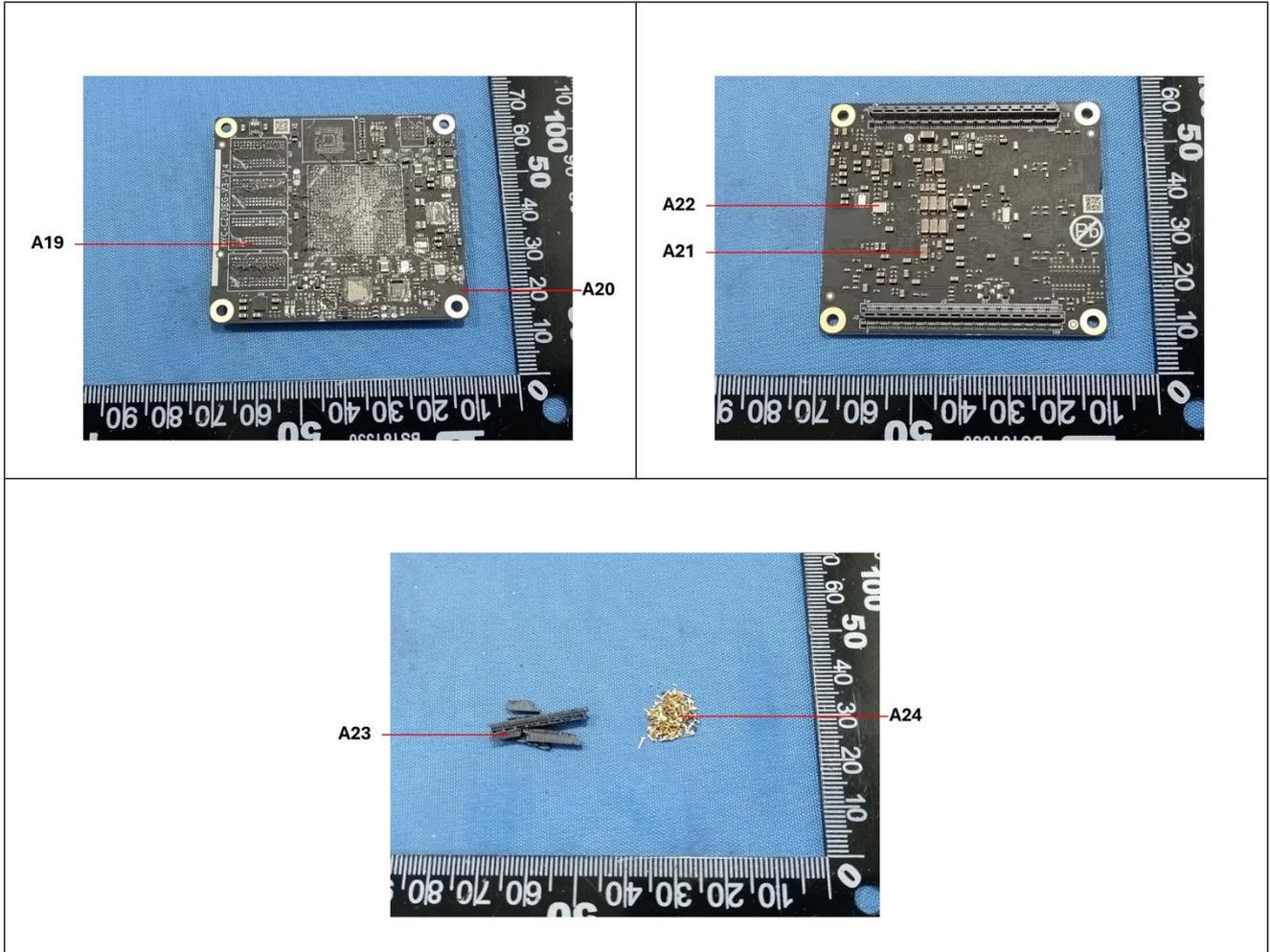


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