

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L354065-11-13802102-3
Report Reference E354065-20120831
Date 5-Dec-2023

Issued to: SHANDONG XINNUO ELECTRONIC SCIENCE AND
TECHNOLOGY CO LTD
NO.7 CHUANGYE ROAD
ECONOMIC DEVELOPMENT ZONE
YANZHOU DISTRICT
JINING, SHANDONG 272100
China

This is to certify that representative samples of QQX2 - Electrically Isolated Semiconductor Devices -
Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 1557, 5th Ed., Issue Date: 2011-12-29, Revision Date: 2014-11-07

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.


Deborah Jennings-Conner, VP Regulatory Services

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>




CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L354065-11-13802102-3
Report Reference E354065-20120831
Date 5-Dec-2023

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
GBU, followed by 4, 6, 8, 10, 15, 20, 25, followed by 005, 01, 02, 04, 06, 08 or 10, maybe followed by A, B, C, D, F, G, H, J, K, L, M, N, S, T, U, W, AH, BH, CH, DH, FH, GH, JH, KH, LH, MH, NH, SH, TH, UH or WH.	Power Switching Semi-Conductors
KBP, followed by 2, 3, 4, followed by 005, 01, 02, 04, 06, 08 or 10, maybe followed by A, G or H	Power Switching Semi-Conductors
Model KBJ, followed by 4, 6, 8, 10, 15, 20, 25, followed by 005, 01, 02, 04, 06, 08 or 10.	Power Switching Semi-Conductors
Model KBL, followed by 4, 6, 8, 10, 15, 20, 25, followed by 005, 01, 02, 04, 06, 08 or 10.	Power Switching Semi-Conductors


Deborah Jennings-Conner, VP Regulatory Services



UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L354065-11-81904102-3
Report Reference E354065-20140918
Date 5-Dec-2023

Issued to: SHANDONG XINNUO ELECTRONIC SCIENCE AND
TECHNOLOGY CO LTD
NO.7 CHUANGYE ROAD
ECONOMIC DEVELOPMENT ZONE
YANZHOU DISTRICT
JINING, SHANDONG 272100
China

This is to certify that representative samples of QQX2 - Electrically Isolated Semiconductor Devices - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 1557, 6th Ed., Issue Date: 2018-03-19

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.


Deborah Jennings-Conner, VP Regulatory Services

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L354065-11-81904102-3
Report Reference E354065-20140918
Date 5-Dec-2023

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
RUG Series , RUG, followed by 2 ,3 ,4, 6 or 8, followed by KB, followed by 05, 10, 20, 40, 60, 80, 100, maybe followed by A, B, C, D, F, G, H, J, K, L, M, N, S, T, U, W, AH, BH, CH, DH, FH, GH, JH, KH, LH, MH, NH, SH, TH, UH or WH.	Isolated Semiconductor Devices
Series UG, followed by 2, 3, 4, 6 or 8, followed by KB, followed by 05, 10, 20, 40, 60, 80, 100, maybe followed by A, B, C, D, F, G, H, J, K, L, M, N, S, T, U, W, AH, BH, CH, DH, FH, GH, JH, KH, LH, MH, NH, SH, TH, UH or WH	Isolated semiconductor devices

Deborah Jennings-Conner
Deborah Jennings-Conner, VP Regulatory Services



UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L354065-11-62906102-3
Report Reference E354065-20160926
Date 5-Dec-2023

Issued to: SHANDONG XINNUO ELECTRONIC SCIENCE AND
TECHNOLOGY CO LTD
NO.7 CHUANGYE ROAD
ECONOMIC DEVELOPMENT ZONE
YANZHOU DISTRICT
JINING, SHANDONG 272100
China

This is to certify that representative samples of QQX2 - Electrically Isolated Semiconductor Devices -
Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 1557, 5th Ed., Issue Date: 2011-12-29, Revision Date: 2014-11-07

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.


Deborah Jennings-Conner, VP Regulatory Services

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L354065-11-62906102-3
Report Reference E354065-20160926
Date 5-Dec-2023

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
GBJ Series, models GBJ, followed by 6, 8, 10, 15, 20, 25, 30, 35, 40, 50, followed by 005, 01, 02, 04, 06, 08 or 10, may followed by A, G or T.	Power Switching Semi-Conductors

Deborah Jennings-Conner
Deborah Jennings-Conner, VP Regulatory Services



UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>