

# Certificate of Compliance

**Certificate Number:**

UL-US-L496569-  
21X5A6001-12218102-7

**Report Reference:**

E496569-20181221

**Issue Date:**

2024-07-12

Issued to:

**Flex Electronics (Shanghai) Co Ltd**  
**33 Fuhua Road, Jiading District Shanghai, Shanghai 201818**  
**China**

This certificate confirms that representative samples of:

**QQJQ2 - Power Supplies for Use with Audio/Video, Information and Communication Technology Equipment - 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.

**UL 62368-1, 2nd Ed., Issue Date: 2014-12-01**

Additional Information:

See UL Product iQ® 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.



David Piecuch  
UL Mark Certification Program Manager



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# CERTIFICATE OF COMPLIANCE

**Certificate number**    UL-US-L496569-21X5A6001-12218102-7  
**Report reference**     E496569-20181221  
**Date**                      2024-07-12

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

Model	Product Description
<p>PKB2213D *, All models may be followed by any combination of characters representing minor differences that do not affect safety, see Test Report for explanation of the suffix “*”.</p> <p>All models have suffixes that represent minor differences that do not affect safety.</p> <p>* means all models have at least one of the following suffixes:</p> <p style="padding-left: 20px;">PI - pins for through hole mounting SI - pins for surface mounting</p> <p>PI or SI may be followed by a combination of the following additional suffixes:</p> <p style="padding-left: 20px;">P - positive remote control (negative remote control is standard) M - increased stand-off and height LA - lead length 3.69 mm (0.145 in.) (5.33 mm (0.210 in.) is standard) LB - lead length 4.57 mm (0.180 in.) (5.33 mm (0.210 in.) is standard) LC - lead length 2.79 mm (0.110 in.) (5.33 mm (0.210 in.) is standard) LD - lead length 2.40 mm (0.094 in.) (5.33 mm (0.210 in.) is standard) NB - no base plate OP - optional part list HS - base plate (PKB-C models only) HV - baseplate with wings G - baseplate with ground pin OC - custom optimized control loop OV - 36-60V input voltage OA - 1.5 V output voltage OB - 1.2 V output voltage LV - latching over voltage protection LT - latching over temperature protection LI - latching over current protection LP - latching over temperature and over voltage protection LIV - latching over current and over voltage protection LIT - latching over current and over temperature protection</p>	<p style="text-align: center;">Switching Power Supply</p>



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**Report reference**     E496569-20181221  
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LPA - latching over voltage, over temperature and over current protection OT - change Under Voltage at shut down level 1 = pin in paste and soft tray 2 = pin in paste and hard tray	
PKB4216HD *, All models may be followed by any combination of characters representing minor differences that do not affect safety, see Test Report for explanation of the suffix "*". All models have suffixes that represent minor differences that do not affect safety. * means all models have at least one of the following suffixes: PI - pins for through hole mounting SI - pins for surface mounting PI or SI may be followed by a combination of the following additional suffixes: P - positive remote control (negative remote control is standard) M - increased stand-off and height LA - lead length 3.69 mm (0.145 in.) (5.33 mm (0.210 in.) is standard) LB - lead length 4.57 mm (0.180 in.) (5.33 mm (0.210 in.) is standard) LC - lead length 2.79 mm (0.110 in.) (5.33 mm (0.210 in.) is standard) LD - lead length 2.40 mm (0.094 in.) (5.33 mm (0.210 in.) is standard) NB - no base plate OP - optional part list HS - base plate (PKB-C models only) HV - baseplate with wings G - baseplate with ground pin OC - custom optimized control loop OV - 36-60V input voltage OA - 1.5 V output voltage OB - 1.2 V output voltage LV - latching over voltage protection LT - latching over temperature protection LI - latching over current protection LP - latching over temperature and over voltage protection LIV - latching over current and over voltage protection LIT - latching over current and over temperature protection	Switching Power Supply



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# Certificate of Compliance

**Certificate Number:**

UL-CA-2203292-6

**Report Reference:**

E496569-20181221

**Issue Date:**

2024-07-12

Issued to:

**Flex Electronics (Shanghai) Co Ltd  
33 Fuhua Road, Jiading District Shanghai, Shanghai 201818  
China**

This certificate confirms that representative samples of:

**QQJQ8 - Power Supplies for Use with Audio/Video, Information and Communication Technology Equipment Certified for Canada - 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.

**CSA C22.2 No. 62368-1-14, 2nd Ed., Issue Date: 2014-12-01**

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

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Model	Product Description
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