Certificate Number UL-US-2015064-0
Report Reference E496569-A6002-UL

**Date** 5-Feb-2021

Issued to: Flex Electronics (Shanghai) Co Ltd

33 Fuhua Road, Jiading District Shanghai

China 201818

This is to certify 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 investigated 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 62368-1, 2nd Ed., Issue Date: 2014-12-01

Additional Information: See the UL Online Certifications Directory at

https://iq.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure 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.





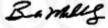
 Certificate Number
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 Report Reference
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 Date
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This is to certify that representative samples of the product as specified on this certificate were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

Model	Category Description
PKU4611A SI*, 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(PKB-B models only) OP - optional part list HS - base plate LHS-low base plate NT- No trim pin (one pin is not mounted, no adjust possible)	DC-DC Converter
PKU4611A SIP*, 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(PKB-B models only)  OP - optional part list  HS - base plate  LHS-low base plate  NT- No trim pin (one pin is not mounted, no adjust possible)	DC-DC Converter





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PKU4617VAPI\*, 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(PKB-B models only)

OP - optional part list HS - base plate

LHS-low base plate

NT- No trim pin (one pin is not mounted, no adjust possible)

PKU4617VASI\*, 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(PKB-B models only)

OP - optional part list

HS - base plate

LHS-low base plate

NT- No trim pin (one pin is not mounted, no adjust possible)

PKU4713A PIHSNTLA, PI - pins for through hole mounting

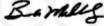
SI - pins for surface mounting PI or SI may be followed by a combination of the following additional suffixes: P - positive remote control (negative remote control is

> standard) M - increased stand-off and height

DC-DC Converter

DC-DC Converter

DC-DC Converter

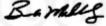


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LD - lead length 2.40 mm (0.094 in.) (5.33 mm (0.210	
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standard) M - increased stand-off and height	
by a combination of the following additional suffixes: P - positive remote control (negative remote control is	
PKU4716VA*, PI - pins for through hole mounting SI - pins for surface mounting PI or SI may be followed	DC-DC Converter
NT- No trim pin (one pin is not mounted, no adjust possible)	
LHS-low base plate	
OP - optional part list HS - base plate	
NB - no base plate(PKB-B models only)	
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LB - lead length 4.57 mm (0.180 in.) (5.33 mm (0.210 in.)	
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standard) M - increased stand-off and height	
P - positive remote control (negative remote control is	
SI - pins for surface mounting PI or SI may be followed by a combination of the following additional suffixes:	
PKU4713A PINTLA, PI - pins for through hole mounting	DC-DC Converter
NT- No trim pin (one pin is not mounted, no adjust possible)	
LHS-low base plate	
OP - optional part list HS - base plate	
NB - no base plate(PKB-B models only)	
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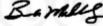
Bruce Mahrenholz, Director North American Certification Program

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in.) is standard)	
NB - no base plate(PKB-B models only)	
OP - optional part list	
HS - base plate	
LHS-low base plate	
NT- No trim pin (one pin is not mounted, no adjust	
possible)	
PKU4717YA PILA, PI - pins for through hole mounting	DC-DC Converter
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)	
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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(PKB-B models only)	
OP - optional part list	
HS - base plate	
LHS-low base plate	
NT- No trim pin (one pin is not mounted, no adjust	
possible)	
PKU4817YA*, PI - pins for through hole mounting	DC-DC Converter
SI - pins for surface mounting PI or SI may be followed	DC-DC Converter
by a combination of the following additional suffixes:	
P - positive remote control (negative remote control is	
standard)	
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LA - lead length 3.69 mm (0.145 in.) (5.33 mm (0.210 in.)	
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NB - no base plate(PKB-B models only) OP - optional part list	
HS - base plate	
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NT- No trim pin (one pin is not mounted, no adjust	
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China 201818

This is to certify 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 investigated 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:

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

01

**Additional Information:** 

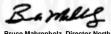
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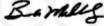


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PKU4617VAPI*, PI - pins for through hole mounting	DC-DC Converter
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LB - lead length 4.57 mm (0.180 in.) (5.33 mm (0.210 in.)	
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in.) is standard)	
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HS - base plate	<b>'Lバドレバドレバドレバドレバ</b>
LHS-low base plate	
NT- No trim pin (one pin is not mounted, no adjust	
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PKU4617VASI*, PI - pins for through hole mounting	DC-DC Converter
SI - pins for surface mounting PI or SI may be followed	
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M - increased stand-off and height	
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LD - lead length 2.40 mm (0.094 in.) (5.33 mm (0.210	
in.) is standard)	
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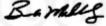
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PKU4716VA*, PI - pins for through hole mounting SI - pins for surface mounting PI or SI may be followed	DC-DC Converter
NT- No trim pin (one pin is not mounted, no adjust possible)	
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LA - lead length 3.69 mm (0.145 in.) (5.33 mm (0.210 in.)	VIII VIII VIII VIII V



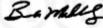
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SI - pins for surface mounting PI or SI may be followed	BAYIDAYIDAYIDAYI
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P - positive remote control (negative remote control is	
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M - increased stand-off and height	Jr 30 Ur 30 Ur 30 Ur 30 Ur 30 Ur
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LC - lead length 2.79 mm (0.110 in.) (5.33 mm (0.210	
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LD - lead length 2.40 mm (0.094 in.) (5.33 mm (0.210	In YOUR YOUR YOUR YOUR YOUR YOUR AND IN
in.) is standard)	
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OP - optional part list	r. Var. Var. Var. Var. Var. Var. Var. Va
HS - base plate	
LHS-low base plate	
NT- No trim pin (one pin is not mounted, no adjust	
possible)	IEMUENOUENOUENOUEN
PKU4817YA*, PI - pins for through hole mounting	DC-DC Converter
SI - pins for surface mounting PI or SI may be followed	
by a combination of the following additional suffixes:	n. Win. Win. Win. Win. Wi
P - positive remote control (negative remote control is	
standard)	
M - increased stand-off and height	
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LC - lead length 2.79 mm (0.110 in.) (5.33 mm (0.210	
in.) is standard)	
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in.) is standard)	I A II A A I
NB - no base plate(PKB-B models only)	
OP - optional part list	
HS - base plate	LAVIDAVIDAVIDAVIDAVI
LHS-low base plate	
NT- No trim pin (one pin is not mounted, no adjust	
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UL LLC

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