CERTIFICATE OF COMPLIANCE

Certificate Number	UL-US-2129837-0
Report Reference	E496569-20200224
Date	16-Jun-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.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

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Certificate Number UL-US-2129837-0
Report Reference E496569-20200224
Date 16-Jun-2021

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
BMR453****/***, The first * : 0-9 defines the Mechanical pin option The second *: 0-9 defines the Mechanical baseplate option Third and fourth *: 00: hardware designed for 8.1-12Vout, max.396W output. Vin limitation for Vout which is large than 11Vout. 01: hardware designed for 8.1-12Vout, max.396W output, without the digital contact. Vin limitation for Vout which is large than 11Vout. 02: hardware designed for 3-5Vout, max.300W output. Full Vin Rating: 36-75Vdc, 03: hardware designed for 3-5Vout, max.300W output, without the digital contact. Full Vin Rating: 36-75Vdc, 04: hardware designed for 12Vout fixed, max.396W output. Full Vin Rating: 36-75Vdc, 05: hardware designed for 12Vout fixed, max.396W output, without the digital contact. Full Vin Rating: 36-75Vdc. 06: Hardware designed for 8.1V-12.45Vout with Droop function. Max.391W output. Vin limitation for Vout higher than 11Vout, without the digital contact. 07: Hardware designed for 8.1V-12.45Vout with Droop function. Max.391W output. Vin limitation for Vout higher than 11Vout, with the digital contact. 08: Stacker variant, Hardware designed for 8.1-12.45Vout with droop function. Max.720W output. Vin limitation for Vout higher than 11Vout, without the digital contact. Fifth, sixth and seventh *: 000-999: software configuration.	Power Supplies for AV, ITE, and AVICT Equipment
BMR456****/***, The first * : 0-9 defines the Mechanical pin option The second *: 0-9 defines the Mechanical baseplate option The third and fourth * defines variants: 00: hardware optimized for 12Vout. 36-60Vin. Vout can be set from 6.9-13.2V 01: hardware optimized for 12Vout. 36-60Vin. Vout can be set from 6.9-13.2V, without communication interface	Power Supplies for AV, ITE, and AVICT Equipment

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CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2129837-0
Report Reference E496569-20200224
Date 16-Jun-2021

02: hardware optimized for 5Vout. 36-75Vin. Vout can be set from 2.0-6.7V 03: hardware optimized for 5Vout. 36-75Vin. Vout can be set from 2.0-6.7V, without communication interface 04: hardware optimized for 12Vout. 36-75Vin. Vout can be set from 6.9-13.2V 05: hardware optimized for 12Vout. 36-75Vin. Vout can be set from 6.9-13.2V, without communication interface 06: hardware optimized for 12Vout. 36-75Vin. Vout can be set from 6.9-13.2V. Drop function, without communication interface 07: hardware optimized for 12Vout. 36-75Vin. Vout can be set from 6.9-13.2V. Drop function, with communication interface 08: stacker variant, hardware optimized for 12Vout. 36-75Vin. Vout can be set from 4.0- 13.2V. Drop function, without communication interface 11: hardware optimized for 12Vout. 36-60Vin. Vout can be set from 6.9-13.2V. Drop function, with communication interface 12: hardware optimized for 12Vout. 36-60Vin. Vout can be set from 6.9-13.2V. Drop function, without communication interface. Fifth, sixth and seventh *: 000-999: software configuration.	
BMR458****/***, The first * : 0-9 defines the Mechanical pin option The second *: 0-9 defines the Mechanical baseplate option The third and fourth * defines variants: 00: 36-75Vin, Vout can be set from 8-13.2V, with communication interface 01: 36-75Vin, Vout can be set from 8-13.2V, without communication interface 02: 36-75Vin, Vout can be set from 8-13.2V, with communication interface 03: 36-75Vin, Vout can be set from 8-13.2V, without communication interface 11: 40-60Vin, Vout can be set from 8-13.2V, with communication interface 12: 40-60Vin, Vout can be set from 8-13.2V, without communication interface 20: 40-60Vin, Vout can be set from 8-13.2V, peak power, with communication interface 21: 40-60Vin, Vout can be set from 8-13.2V, peak power, without communication interface	Power Supplies for AV, ITE, and AVICT Equipment

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Fifth, sixth and seventh *: 000-999: software configuration.	
BMR458**30/***, The first * will be 0-9 defines the Mechanical pin option The second *: 0-9 defines the Mechanical baseplate option third, fourth and fifth *: 000-999: software configuration.	Power Supplies for AV, ITE, and AVICT Equipment
BMR458**31/***, The first * will be 0-9 defines the Mechanical pin option The second *: 0-9 defines the Mechanical baseplate option third, fourth and fifth *: 000-999: software configuration.	Power Supplies for AV, ITE, and AVICT Equipment
BMR458**32/***	Power Supplies for AV, ITE, and AVICT Equipment
BMR458**33/***, The first * will be 0-9 defines the Mechanical pin option The second *: 0-9 defines the Mechanical baseplate option third, fourth and fifth *: 000-999: software configuration.	Power Supplies for AV, ITE, and AVICT Equipment
BMR458**42/***, The first * will be 0-9 defines the Mechanical pin option The second *: 0-9 defines the Mechanical baseplate option third, fourth and fifth *: 000-999: software configuration.	Power Supplies for AV, ITE, and AVICT Equipment

Bruce Mahrenholz, Director North American Certification Program

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CERTIFICATE OF COMPLIANCE

Certificate Number	UL-CA-2124793-0
Report Reference	E496569-20200224
Date	16-Jun-2021
Issued to:	Flex Electronics (Shanghai) Co Ltd 33 Fuhua Road,Jiading District Shanghai 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:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

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Model	Category Description
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