

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L364000
Report Reference E364000-20131109
Date 4-May-2022

Issued to: CT Microelectronics Far East Ltd
Rm B 4th Fl Hang Fat Ind Bldg
550-556 Castle Peak Rd Kowloon
Hong Kong

**This is to certify that
representative samples of** FPQU2 - Optical Isolators - 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 1577, 5th Ed, Issue Date: 2014-04-25, Revision Date: 2019-06-11

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

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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

Double protection optical isolators rated for 2500 vac, Model(s):

CTP1(X1)(X2), CTP2(X1)(X2), CTP4(X1)(X2)

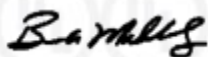
Double protection optical isolators rated for 3750 vac, Model(s):

CT02(X1)(X2), CT04(X1)(X2), CT05(X1)(X2), CT06(X1)(X2), CT07(X1)(X2), CT3H(X1)(X2), CT12(X1)(X2), CT18(X1)(X2), CT20(X1)(X2), CT21(X1)(X2), CT27(X1)(X2), CT35(X1)(X2), CT45(X1)(X2), CT291(X2), CT415(X2), CTD2(X1)(X2), CTH21(X1)(X2), CTH24(X1)(X2), CTH25(X1)(X2), CTH28(X1)(X2), CTH28(X1)(X2)-4, CTH29(X1)(X2)-4, CTHQ3H(X1)(X2), CTM1(X1)(X2)1, CTM2(X1)(X2)1, CTM6(X1)(X2), CTM13(X1)(X2) CTM179(X1)(X2), CTM30(X1)(X2), CTM40(X1)(X2), CTM41(X1)(X2), CTM42(X1)(X2), CTM45(X1)(X2), CTM109(X2), CTM230(X1)(X2), CTM314, CTM390(X2), CTM410(X2), CTR21(X1)(X2)-M4, CTR41(X1)(X2)-M4

Double protection optical isolators rated for 5000 vac, Model(s):

4N(X1)(X2), 6N13(X1)(X2), 6N13(X1)(X2)-W, CNY17(X1)(X2), CT22(X1)(X2), CT22(X1)(X2)-W, CT25(X1)(X2), CT25(X1)(X2)-W, CT26(X1)(X2), CT26(X1)(X2)-W, CT27(X1)(X2)-W, CT31(X1)(X2), CT31(X1)(X2)-W, CT35(X1)(X2), CT35(X1)(X2)-W, CT45(X1)(X2), CT45(X1)(X2)-W, CT619(X2), CT78(X1)(X2), CT81(X1)(X2), CT82(X1)(X2), CT85(X1)(X2), CT101(X1)(X2), CT101(X1)(X2)-W, CT111(X1)(X2), CT111(X1)(X2)-W, CT126(X1)(X2), CT521(X2), CT521-2(X2), CT2501(X2), CT2561(X2), CTL20(X1)(X2), CTL22(X1)(X2), CTL25(X1)(X2), CTL26(X1)(X2), CTL27(X1)(X2), CTL45(X1)(X2), CTL57(X1)(X2), CTL60(X1)(X2), CTL70(X1)(X2), CTR10(X1)(X2)-6L, CTR11(X1)(X2)-6L, CTR12(X1)(X2)-4L, CTR12(X1)(X2)-6L, CTR13(X1)(X2)-4L, CTR13(X1)(X2)-6L, CTR14(X1)(X2)-6L, CTR15(X1)(X2)-6L, CTR16(X1)(X2)-6L, CTR17(X1)(X2)-6L, CTR18(X1)(X2)-6L, CTR19(X1)(X2)-6L, CTR20(X1)(X2)-6L, CTR21(X1)(X2)-4L, CTR21(X1)(X2)-6L, CTR21(X1)(X2)-8L, CTR22(X1)(X2)-4L, CTR22(X1)(X2)-6L, CTR22(X1)(X2)-8L, CTR23(X1)(X2)-6L, CTR24(X1)(X2)-4L, CTR25(X1)(X2)-6L, CTR25(X1)(X2)-8L, CTR35(X1)(X2)-4L, CTR35(X1)(X2)-6L, CTR35(X1)(X2)-8L, CTR38(X1)(X2)-8L, CTR40(X1)(X2)-8L, CTR41(X1)(X2)-4L, CTR41(X1)(X2)-6L, CTR41(X1)(X2)-8L, CTR42(X1)(X2)-4L, CTR42(X1)(X2)-8L, CTR45(X1)(X2)-6L, CTR45(X1)(X2)-8L, CTR59(X1)(X2)-6L, CTR61(X1)(X2)-8L, CTR65(X1)(X2)-8L, CTR70(X1)(X2)-6L, CTR71(X1)(X2)-6L, CTR79(X1)(X2)-6L, CTS6(X1)(X2), CTS7(X1)(X2), CTS31(X1)(X2), CTS34(X1)(X2), CTS45(X1)(X2), CTS48(X1)(X2), CTW13(X1)(X2), CTW20(X1)(X2), CTW25(X1)(X2), CTW26(X1)(X2), CTW31(X1)(X2), CTW35(X1)(X2), CTW45(X1)(X2), CT30(X1)(X2), CT30(X1)(X2)-4L, CT30(X1)(X2)-5L, CT40(X1)(X2), CT40(X1)9Y-4L, CT40(X1)(X2)-5L, CT41(X1)(X2), CT41(X1)(X2)-4L, CT41(X1)(X2)-5L, CTT(X1)21(X2), CTT(X1)22(X2), H11(X1)(X2), TIL113

Note 1: Where **(X1)** denotes product type option. It can be any alphanumeric character or blank.



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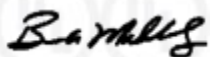
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Note 2: Where **(X2)** denotes product binning option. It can be one more alphanumeric character or blank.

Note 3: All models may be followed by any letters, numbers, or suffix.

Note 4: The packing option, VDE mark option, or leadframe forming option can be add to all models.



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This is to certify that representative samples of FPQU8 - Optical Isolators 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 Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23

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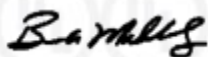
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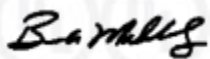
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