

Certificate of Compliance

Certificate: 1020087 (CA 91533-1)

Master Contract: 153679

Project: 2345706

Date Issued: October 20, 2010

Issued to: Lite-On Technology Corporation

Quality Supporting Department

No 90 Chien I Rd

Chung Ho, Taipei, 235

Taiwan

Attention: Steven Liao

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator



Martin Buchanan

Issued by: Martin Buchanan, P. Eng.

PRODUCTS

CLASS 9073 30 - ELECTRONIC COMPONENTS - Optoisolators

Component Acceptance of Optoisolators:

Device	Ratings (kV) (C)	Stds/Notices	External		
			Internal Creep(mm)	DistThru(mm)	Creep/Clear(mm)
LTV4N25	2.5 100	CA5A,	-	-	-
LTV4N26	1.5 100	CA5A			
LTV4N27	1.5 100	CA5A			
LTV4N28	0.5 100	CA5A			
LTV4N32	2.5 100	CA5A			
LTV4N33	1.5 100	CA5A			
LTV4N35	3.55 100	CA5A			
LTV4N37	1.5 100	CA5A			



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LTV-702 5.0 100 CA5A - 0.49 7.8

LTV-703 5.0 100 CA5A

LTV-713

LTV-715

LTV-724

LTV-725 5.0 100 CA5A 4.7 0.55 7.8

LTV-733 5.0 100 CA5A 4.7 0.32 7.8

LTV-733H

LTV-816

LTV-826

LTV-846

LTV-851

LTV-852



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LTV-8D52

LTV-8Q52

LTV-814 5.0 110 CA5A 5.4 0.40 7.8

LTV-814H 60950-1-07

LTV-815 60065:03+AM1

LTV-817 IEC60950-1

LTV-819 IEC60065 7th Ed+AM1

LTV-819-1

LTV-819-2

LTV-824

LTV-824H

LTV-825

LTV-827

LTV-829

LTV-844

LTV-844H

LTV-845

LTV-847

LTV-849



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6N135	2.5	100	CA5A	4.9	0.15	7.8
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6N136

6N138	2.5	70	CA5A	4.9	0.12	7.8
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6N139

CNY17-1	2.5	100	CA5A	4.7	0.32	7.8
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CNY17-2

CNY17-3

CNY17-4

CNY17F-1

CNY17F-2

CNY17F-3

CNY17F-4

H11D1

H11A1

H11A2

H11A3

H11A4

H11A5



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MOC3020	5.0	100	CA5A	4.8	0.45	7.8
MOC3021			60950-1-07			
MOC3022			60065:03+AM1			
MOC3023			IEC60950-1			
			IEC60065 7th Ed+AM1			

MOC3031	5.0	100	CA5A	4.8	0.28	7.8
MOC3032						
MOC3033						
MOC3041						
MOC3042						
MOC3043						
MOC3061						
MOC3062						
MOC3063						

MOC3051	5.0	100	CA5A	4.8	0.32	7.8
MOC3052						



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with possible suffixes, F for no base in LTV-700 and LTV-4N series, V for base in LTV-700 series, M for 10.16mm leadform, M1 for 8.0mm leadform, S for gull wing lead form, S-TA and S-TA1 for Tape and Reel. LTV-817 may have suffix X to differentiate units made with the alternative integrated process from those made with the old process.

Notes:

1. Devices which meet CSA 60950-1-07, 60065-03+AM1, IEC60950-1, IEC60065 7th Ed + AM1 meet reinforced insulation for 250Vrms for these standards.
2. Blanks in table represent characteristics not evaluated.
3. Devices rated 110C made with certain materials have passed tests for operation in 115C. Consult test data.

These devices are Component Accepted as components for use in other Certified equipment where the suitability of the combination shall be determined by investigation in the final application.

APPLICABLE REQUIREMENTS

Component Acceptance Notice 5A (CA 5A) - Announcement of Extension of the Component Acceptance Service for Optocouplers and Related Devices

CAN/CSA-C22.2 No. 60950-1-07 - Information Technology Equipment - Safety - Part 1: General Requirements (Bi-national Standard, with UL 60950-1)

CAN/CSA C22.2 No. 60065:03 Incl. AM1 - Audio, Video and Similar Electronic Apparatus - Safety Requirements

IEC 60950-1 2nd Ed. - Information Technology Equipment - Safety - Part 1: General Requirements

IEC 60065 7th Ed. Incl. AM1 - Audio, Video and Similar Electronic Apparatus - Safety Requirements



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
2345706	October 20, 2010	Addition of new factory, Lite-On Technology (ChangZhou) Co., Ltd., and addition of outer/inner material combinations EG200/EC15G, CV4180V/ CV1400H for 115C operation
1576555	August 17, 2004	Addition of alternative inner and outer compounds, EC15 and EME1100

History

1116153 2000 10 11 Addition of MOC3031, MOC3032, MOC3033, MOC3041, MOC3042, MOC3043, MOC3061, MOC3062, MOC3063, MOC3051 and MOC3052.

1099333 2000 08 23 Addition of LTV-851, 6N135, 6N136, 6N138, 6N139, CNY17-1 to -4, CNY17F-1 to -4, H11D1, H11A1 to H11A5, MOC3020, MOC3021, MOC3022 and MOC3023.

1020087 2000 01 07 Addition of LTV-824H, LTV-844H, LTV-819-1, LTV819-2, evaluation of devices to standards 225-M90, 234-M90, 950-95, E65-94, IEC60065 5thEd. Originally issued under 2500002664.

-11 1999 01 27 Compliance of LTV-817 with CSA234 and CSA950

-10 1999 01 22 Addition of LTV-733, and LTV-733H

-9 1998 10 02 Addition of LTV-852, LTV-8D52, LTV-8Q52, LTV-816, LTV-826, LTV-846, LTV-715F, LTV-724F and Consolidation of all Optoisolator into report -1.

-8 1998 07 15 Compliance of LTV702 with CSA C22.2. 1-98

-5 1996 12 23 Modification of markings, trademark registration.

-4 1996 09 16 Addition of LTV814H.

-1 1990 08 21 Original Certification.