



Update Data Sheet Regulatory Information for Select Digital Isolator Products

ADuM1100 - iCoupler Digital Isolator



Change Description	Changed From:	Changed To:
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) & Minimum External Tracking (Creepage) in Table 6 with the agency certified meaurement.	Creepage 4.01 Clearance 4.90 Datasheet Rev. K	Creepage 4.0 Clearance 4.0 Datasheet Rev. L

ADuM1200/ADuM1201 - Dual-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) & Minimum External Tracking (Creepage) in Table 10 with the agency certified measurement.	Creepage 4.01 Clearance 4.90 Datasheet Rev. K	Creepage 4.0 Clearance 4.0 Datasheet Rev. L

ADuM1210 - Dual-Channel Digital Isolator



Change Description	Changed From:	Changed To:
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) & Minimum External Tracking (Creepage) in Table 6 with the agency certified measurement.	Creepage 4.01 Clearance 4.90 Datasheet Rev. D	Creepage 4.0 Clearance 4.0 Datasheet Rev. E

ADuM1240/ADuM1241/ADuM1245/ADuM1246 - Micropower, Dual-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the IEC/CSA 62368-1 basic and reinforced insulation ratings specifed in Table 12 with the agency issued certified rating.	RS-20 Package IEC/CSA 60950-1 Basic insulation 530 V rms Reinforced insulation 265 V rms R-8 Package Basic insulation 400 V rms Datasheet Rev. B	RS-20 Package IEC/CSA 62368-1 Basic insulation 510 V rms Reinforced insulation 255 V rms R-8 Package Basic insulation 300 V rms Datasheet Rev. C

ADuM1300/ADuM1301 - Triple-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings:	EN60950-1 TUV Rating: Reinforced insulation 400 V rms	EN60950-1 TUV Rating: Reinforced insulation 385 V rms
EN60950-1 TUV reinforced insulation rating specified in Table 9	Creepage: 8.1	Creepage: 7.8
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Tracking (Creepage) in Table 10 with the agency certified meaurement.	Datasheet Rev. L	Datasheet Rev. M

ADuM1310/ADuM1311 - Triple-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings: Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Tracking (Creepage) in Table 6 with the agency certified measurement. UL 1577 Single Protection ratings specified in Table 5 IEC / EN / CSA 62368-1 Basic and Reinforced Insulation ratings specified in Table 5	Creepage 8.1 UL 1577 Single Protection (VISO) 3750 V rms CSA 60950-1-03 and IEC 60950-1 Basic Insulation, 800 V rms Reinforced Insulation, 400 V rms Datasheet Rev. K	Creepage 7.8 UL 1577 Single Protection (VISO) 2500 V rms IEC / EN / CSA 62368-1 Basic Insulation, 600 V rms Reinforced Insulation, 150 V rms Datasheet Rev. L

ADuM1400/ADuM1401/ADuM1402 - Quad-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings:	CSA C22.2.61010.1:2005 TUV Rating: Reinforced insulation, 400 Vrms	EN60950-1 TUV Rating: Reinforced insulation, 385 Vrms
EN60950-1 TUV reinforced insulation rating specifed in Table 9	Datasheet Rev. L	Datasheet Rev. M

ADuM1410/ADuM1411/ADuM1412 - Quad-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings: UL 1577 Single Protection (VISO) ratings specified in Table 5 IEC / EN / CSA 62368-1 Basic and Reinforced Insulation ratings specified in Table 5	UL 1577 Single Protection (VISO) 3750 V rms CSA 60950-1-03 and IEC 60950-1 Basic Insulation, 800 V rms Reinforced Insulation, 400 V rms Datasheet Rev. M	UL 1577 Single Protection (VISO) 2500 V rms IEC / EN / CSA 62368-1 Basic Insulation, 600 V rms Reinforced Insulation, 150 V rms Datasheet Rev. N

ADuM2200/ADuM2201 - Dual-Channel Digital Isolators, 5 kV



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings:	RW-16 Clearance: 8.0	RW-16 Clearance: 7.8
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) in Table 15 with the agency certified meaurement. (RW-16)	VDE/VDE 0884-10 $V_{IORM} = 848 V_{peak}$	VDE/VDE 0884-17 $V_{IORM} = 645 V_{peak}$
VDE 0884-17 V_{IORM} reinforced rating specifed in Tables 14 and 16 (both packages)	RI-16-2 VDE/VDE 0884-10 $V_{IORM} = 848 V_{peak}$	RI-16-2 VDE/VDE 0884-17 $V_{IORM} = 645 V_{peak}$
	Datasheet Rev. G	Datasheet Rev. H

ADuM2210/ADuM2211 - Dual-Channel Digital Isolators, 5 kV



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings: Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) in Table 15 with the agency certified meaurement. (RW-16) VDE V 0884-17 V_{IORM} reinforced rating specified in Tables 14 and 16 (both packages)	RW-16 Clearance: 8.0 VDE/VDE 0884-10 V_{IORM} = 848 Vpeak RI-16-2 VDE/VDE 0884-10 V_{IORM} = 848 Vpeak Datasheet Rev. F	RW-16 Clearance: 7.8 VDE/VDE 0884-17 V_{IORM} = 645 Vpeak RI-16-2 VDE/VDE 0884-17 V_{IORM} = 645 Vpeak Datasheet Rev. G

ADuM2280/ADuM2281/ADuM2285/ADuM2286 - 5 kV RMS Dual Channel Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section will be updated to correctly align the following ratings to agency issued certified ratings:	VDE/VDE 0884-10 $V_{IORM} = 846 V_{peak}$	VDE/VDE 0884-17 $V_{IORM} = 645 V_{peak}$
DE/VDE 0884-17 V_{IORM} reinforced rating specified in Tables 14, 16	Datasheet Rev. C	Datasheet Rev. D

ADuM2400/ADuM2401/ADuM2402 - Quad-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings: CQC/ GB4943.1 basic and reinforced insulation ratings specifed in Table 5 (RI-16-2) Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) in Table 6 with the agency certified meaurement. (RW-16) VDE 0884-17 V_{IORM} reinforced rating specifed in Table 7	RI-16-2 CQC/GB4943.1 Reinforced insulation 400 V rms RW-16 Clearance: 8.0 VDE 0884-10 V_{IORM} = 846 Vpeak Datasheet Rev. G	RI-16-2 CQC/GB4943.1 Reinforced insulation 380 V rms RW-16 Clearance: 7.8 VDE 0884-17 V_{IORM} = 645 Vpeak Datasheet Rev. H

ADuM3100 - Digital Isolator, Enhanced System-Level ESD Reliability



Change Description	Changed From:	Changed To:
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) & Minimum External Tracking (Creepage) in Table 6 with the agency certified measurement.	Creepage 4.01 Clearance 4.90 Datasheet Rev. D	Creepage 4.0 Clearance 4.0 Datasheet Rev. E

ADuM3200/ADuM3201 - Dual-Channel, Digital Isolators, Enhanced System-Level ESD Reliability



Change Description	Changed From:	Changed To:
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) & Minimum External Tracking (Creepage) in Table 27 with the agency certified measurement.	Clearance 4.90 Creepage 4.01 Datasheet Rev. F	Clearance 4.0 Creepage 4.0 Datasheet Rev. G

ADuM3300/ADuM3301 - Triple-Channel, Digital Isolators, Enhanced System-Level ESD Reliability



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings: CQC/GB4943.1 basic and reinforced insulation ratings specifed in Tables 5 Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Tracking (Creepage) in Table 6 with the agency certified meaurement.	CQC/GB4943.1 Basic insulation 760 V rms Reinforced insulation 380 V rms Creepage: 8.1 Datasheet Rev. E	CQC/GB4943.1 Basic insulation 600 V rms Reinforced insulation 150 V rms Creepage: 7.8 Datasheet Rev. F

ADuM3400/ADuM3401/ADuM3402 - Quad-Channel, Digital Isolators, Enhanced System-Level ESD Reliability



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings:	Creepage: 8.1	Creepage: 7.8
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Tracking (Creepage) in Table 6 with the agency certified meaurement.	IEC / CSA 60950-1 Basic insulation, 800 Vrms Reinforced insulation, 400 Vrms	IEC / CSA 62368-1 Basic insulation, 600 Vrms Reinforced insulation, 150 Vrms
IEC / CSA 62368-1 Basic and Reinforced Insulation ratings specified in Tables 5	Datasheet Rev. F	Datasheet Rev. G

ADuM4400/ADuM4401/ADuM4402 - 5 kV RMS Quad-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) in Table 15 with the agency certified meaurement.	Clearance: 8.0 Datasheet Rev. F	Clearance: 7.8 Datasheet Rev. G

ADuM110N - 3.0 kV RMS, Single-Channel Digital Isolator



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the IEC/CSA 61010 reinforced insulation rating specified in Table 11 with the agency issued certified rating.	IEC/CSA 61010-1 Reinforced insulation 300 V rms Datasheet Rev. B	IEC/CSA 61010-1 Reinforced insulation 150 V rms Datasheet Rev. C

ADuM120N/ADuM121N - 3.0 kV rms, Dual-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the IEC/CSA 61010 reinforced insulation rating specified in Table 11 with the agency issued certified rating.	IEC/CSA 61010-1 Reinforced insulation 300 V rms Datasheet Rev. E	IEC/CSA 61010-1 Reinforced insulation 150 V rms Datasheet Rev. F

ADuM130D/ADuM130E/ADuM131D/ADuM131E - 3.0 kV RMS/3.75 kV RMS Triple-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings: CQC/GB4943.1 basic and reinforced insulation ratings specifed in both Tables 12 & 13. VDE/VDE 0884-17 V_{IORM} reinforced rating specifed in Table 13.	R-16 Package CQC/GB4943.1 Basic insulation 770 V rms Reinforced insulation 385 V rms RW-16 Package CQC/GB4943.1 Basic insulation 780 V rms Reinforced insulation 390 V rms VDE 0884-10 $V_{IORM} = 849 V_{peak}$ Datasheet Rev. A	R-16 Package CQC/GB4943.1 Basic insulation 400 V rms Removed RW-16 Package CQC/GB4943.1 Basic insulation 760 V rms Reinforced insulation 380 V rms VDE 0884-17 $V_{IORM} = 565 V_{peak}$ Datasheet Rev. B

ADuM140D/ADuM140E/ADuM141D/ADuM141E/ADuM142D/ADuM142E - 3.0 kV RMS/3.75 kV RMS Quad Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section updated to correctly align the following ratings to agency issued certified ratings: IEC/CSA 61010-1 reinforced insulation rating specifed in Table 13 CQC/GB4943.1 basic and reinforced insulation ratings specifed in Tables 13,14 & 15 VDE/VDE 0884-17 VIORM reinforced rating specifed in Tables 13, 14 & 15. IEC/CSA 60601-1 basic (1MOPP) insulation rating specifed in Table 15. DIN V VDE V 0884-17(VDE V 0884-17) INSULATION CHARACTERISTICS section updated to correctly align the VIOTM rating specifed in Table 17 with the agency issued certified rating.	R-16 Package IEC/CSA 61010-1 Reinforced insulation 300 V rms CQC/GB4943.1 Basic insulation 770 V rms Reinforced insulation 385 V rms RQ-16 Package CQC/GB4943.1 Basic insulation 320 V rms Reinforced insulation 160 V rms RW-16 Package VDE 0884-11 VIORM = 849 Vpeak CQC/GB4943.1 Basic insulation 780 V rms Reinforced insulation 390 V rms Datasheet Rev. J	R-16 Package IEC/CSA 61010-1 Removed CQC/GB4943.1 Basic insulation 400 V rms Removed RQ-16 Package CQC/GB4943.1 Basic insulation 320 V rms Removed RW-16 Package VDE 0884-17 VIORM = 565 Vpeak CQC/GB4943.1 Basic insulation 760 V rms Reinforced insulation 380 V rms Datasheet Rev. K

ADuM230D/ADuM230E/ADuM231D/ADuM231E - 5.0 kV RMS Triple Channel Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section will be updated to correctly align the following ratings to agency issued certified ratings: IEC/CSA 60601-1 reinforced insulation rating specified in Table 12 (RW-16) & Table 13 (RI-16-2)	RW-16 Package IEC/CSA 60601-1 Reinforced insulation (2 MOPP), 238 Vrms RI-16-2 Package IEC/CSA 60601-1 Basic insulation (1 MOPP), 519 Vrms Reinforced insulation (2 MOPP), 261 Vrms Datasheet Rev. B	RW-16 Package IEC/CSA 60601-1 Reinforced insulation (2 MOPP), 237.5 Vrms RI-16-2 Package IEC/CSA 60601-1 Basic insulation (1 MOPP), 500 Vrms Reinforced insulation (2 MOPP), 250 Vrms Datasheet Rev. C

ADuM240D/ADuM240E/ADuM241D/ADuM241E/ADuM242D/ADuM242E - 5.0 kV rms Quad Digital Isolators



Change Description	Changed From:	Changed To:
Regulatory Information section will be updated to correctly align the following ratings to agency issued certified ratings: IEC/CSA 60601-1 reinforced insulation rating specified in Table 12 (RW-16) & Table 13 (RI-16-2)	RW-16 Package IEC/CSA 60601-1 Reinforced insulation (2 MOPP), 238 Vrms RI-16-2 Package IEC/CSA 60601-1 Basic insulation (1 MOPP), 519 Vrms Reinforced insulation (2 MOPP), 261 Vrms Datasheet Rev. D	RW-16 Package IEC/CSA 60601-1 Reinforced insulation (2 MOPP), 237.5 Vrms RI-16-2 Package IEC/CSA 60601-1 Basic insulation (1 MOPP), 500 Vrms Reinforced insulation (2 MOPP), 250 Vrms Datasheet Rev. E

ADuM7440/ADuM7441/ADuM7442 - 1 kV RMS Quad-Channel Digital Isolators



Change Description	Changed From:	Changed To:
Insulation and Safety-Related Specifications section updated to correctly align the specified Minimum External Air Gap (Clearance) in Table 15 with the agency certified meaurement.	Clearance 3.80 Datasheet Rev. D	Clearance 3.55 Datasheet Rev. E