

Safety and Regulatory Certification for Digital Isolation

The *iCoupler*[®] family of digital isolation products are in compliance with the safety and regulatory agencies including UL, CSA, VDE, TÜV, CQC, ATEX and IECEx. The following table summarizes the achieved ratings for each product and includes links to the safety certificates.

Last updated: 7/2020

** Click on bullets to view safety reports. The [VDE 0884-10 certification](#) is available on request.

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEx
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM110N			●								●	●	●			●				●		
ADuM120N			●								●	●	●	●	●	●				●		
ADuM121N			●								●	●	●	●	●	●				●		
ADuM130DRZ					●						●	●	●		●	●				●		
ADuM130DRWZ					●						●	●	●	●	●	●				●		
ADuM130ERZ					●						●	●	●		●	●				●		
ADuM130ERWZ					●						●	●	●	●	●	●				●		
ADuM131DRZ					●						●	●	●		●	●				●		
ADuM131DRWZ					●						●	●	●	●	●	●				●		
ADuM131ERZ					●						●	●	●		●	●				●		
ADuM131ERWZ					●						●	●	●	●	●	●				●		
ADuM140DRZ					●						●	●	●		●	●				●		

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM140DRQZ											●	●	●	●		●				●		
ADuM140DRWZ					●						●	●	●	●	●	●				●		
ADuM140ERZ					●						●	●	●		●	●				●		
ADuM140ERQZ											●	●	●	●		●				●		
ADuM140ERWZ					●						●	●	●	●	●	●				●		
ADuM141DRZ					●						●	●	●		●	●				●		
ADuM141DRQZ											●	●	●	●		●				●		
ADuM141DRWZ					●						●	●	●	●	●	●				●		
ADuM141ERZ					●						●	●	●		●	●				●		
ADuM141ERQZ											●	●	●	●		●				●		
ADuM141ERWZ					●						●	●	●	●	●	●				●		
ADuM142DRZ					●						●	●	●		●	●				●		
ADuM142DRQZ											●	●	●	●		●				●		
ADuM142DRWZ					●						●	●	●	●	●	●				●		
ADuM142ERZ					●						●	●	●		●	●				●		
ADuM142ERQZ											●	●	●	●		●				●		
ADuM142ERWZ					●						●	●	●	●	●	●				●		
ADuM150NRZ			●								●	●	●	●		●				●		
ADuM151NRZ			●								●	●	●	●		●				●		
ADuM152NRZ			●								●	●	●	●		●				●		
ADuM160NRZ			●								●	●	●	●		●				●		

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM161NRZ			●								●	●	●	●		●				●		
ADuM162NRZ			●								●	●	●	●		●				●		
ADuM163NRZ			●								●	●	●	●		●				●		
ADuM210N						●					●	●	●	●	●	●						
ADuM220NRWZ						●					●	●	●	●	●	●				●		
ADuM221NRWZ						●					●	●	●	●	●	●				●		
ADuM225NRIZ						●					●	●	●	●	●	●						
ADuM226NRIZ						●					●	●	●	●	●	●						
ADuM230DRIZ						●										●				●		
ADuM230DRWZ						●					●	●	●	●	●	●				●		
ADuM230ERIZ						●										●				●		
ADuM230ERWZ						●					●	●	●	●	●	●				●		
ADuM231DRIZ						●										●				●		
ADuM231DRWZ						●					●	●	●	●	●	●				●		
ADuM231ERIZ						●										●				●		
ADuM231ERWZ						●					●	●	●	●	●	●				●		
ADuM240DRIZ						●										●				●		
ADuM240DRWZ						●					●	●	●	●	●	●				●		
ADuM240ERIZ						●										●				●		
ADuM240ERWZ						●					●	●	●	●	●	●				●		
ADuM241DRIZ						●										●				●		

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM241DRWZ						●					●	●	●	●	●	●				●		
ADuM241ERIZ						●										●				●		
ADuM241ERWZ						●					●	●	●	●	●	●				●		
ADuM242DRIZ						●										●				●		
ADuM242DRWZ						●					●	●	●	●	●	●				●		
ADuM242ERIZ						●										●				●		
ADuM242ERWZ						●					●	●	●	●	●	●				●		
ADuM250NRIZ						●					●	●	●	●	●	●				●		
ADuM251NRIZ						●					●	●	●	●	●	●				●		
ADuM252NRIZ						●					●	●	●	●	●	●				●		
ADuM260NRIZ						●					●	●	●	●	●	●				●		
ADuM261NRIZ						●					●	●	●	●	●	●				●		
ADuM262NRIZ						●					●	●	●	●	●	●				●		
ADuM263NRIZ						●					●	●	●	●	●	●				●		
ADuM1100		●									●	●	●							●		
ADuM1200		●									●	●	●							●		
ADuM1201		●									●	●	●							●		
ADuM1210		●									●	●	●							●		
ADuM1240ARZ			●								●	●										
ADuM1241ARZ			●								●	●										
ADuM1245ARZ			●								●	●										

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM1442xRQ			●								●		●	●							●	●
ADuM1445xRQ			●								●		●	●							●	●
ADuM1446xRQ			●								●		●	●							●	●
ADuM1447xRQ			●								●		●	●							●	●
ADuM1440RS					●						●	●			●						●	●
ADuM1441RS					●						●	●			●						●	●
ADuM1442RS					●						●	●			●						●	●
ADuM1445RS					●						●	●			●						●	●
ADuM1446RS					●						●	●			●						●	●
ADuM1447RS					●						●	●			●						●	●
ADuM1510		●																				
ADuM2200						●					●	●	●		●						●	
ADuM2201						●					●	●	●		●						●	
ADuM2210						●					●	●	●		●						●	
ADuM2211						●					●	●	●		●						●	
ADuM2280						●					●	●	●	●	●						●	
ADuM2281						●					●	●	●	●	●						●	
ADuM2285						●					●	●	●	●	●						●	
ADuM2286						●					●	●	●	●	●						●	
ADuM2400						●					●	●	●		●		●	●	●	●	●	
ADuM2401						●					●	●	●		●		●	●	●	●	●	

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Isolated Gate Driver																						
ADuM3223			●								●	●	●							●		
ADuM3224			●								●	●	●							●		
ADuM4120																				●		
ADuM4120-1																				●		
ADuM4121						●					●	●	●	●	●	●				●		
ADuM4121-1						●					●	●	●	●	●	●				●		
ADuM4135						●					●	●	●	●	●	●				●		
ADuM4136						●									●					●		
ADuM4223						●					●	●	●	●						●		
ADuM4224						●					●	●	●	●								
ADuM5230		●									●											
ADuM6132					●						●	●	●	●								
ADuM7234	●																					
Isolated I2C																						
ADM3260		●									●									●		
ADuM1250		●									●	●	●				●			●		
ADuM1251		●									●	●	●				●			●		
ADuM2250						●					●	●	●		●					●		
ADuM2251						●					●	●	●		●					●		
ADuM3190		●									●	●	●	●								
ADuM4190						●					●	●			●					●		

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Isolated I2C																						
LTM2810										●	●	●			●							
LTM2883		●																				
LTM2886		●																				
LTM2887		●																				
LTM2892				●																		
LTM9100						●					●	●										
Isolated RS-485																						
ADM2481		●																				
ADM2482E		●																				
ADM2483		●									●	●	●	●					●			
ADM2484E						●					●	●	●	●								
ADM2485		●									●	●	●	●								
ADM2486		●									●	●	●	●								
ADM2487E		●																				
ADM2490E						●																
ADM2491E		●				●																
ADM2582E		●																	●			
ADM2587E		●				●													●			
ADM2682E						●					●	●	●	●	●							
ADM2687E						●					●	●	●	●	●							
ADM2795E						●					●	●	●		●	●			●			

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Isolated RS-485																						
LTC1535		●																				
LTM2881		●																				
LTM2885									●		●	●			●							
Isolated RS-232																						
ADM3251E		●									●	●	●	●								
ADM3252E			●								●	●										
LTM2882		●																				
Isolated Sigma/Delta A/D Convertors																						
AD7400/AD7401						●					●	●	●	●								
AD7400A						●					●	●	●	●								
AD7401A						●					●	●	●	●								
AD7402						●					●	●										
AD7402-8						●					●	●										
AD7403						●					●	●										
AD7403-8						●					●	●										
AD7405						●					●	●										
ADE7912						●					●	●	●	●								
ADE7913						●					●	●	●	●								
ADE7932						●					●	●	●	●								
ADE7933						●					●	●	●	●								
ADuM7701RWZ							●				●	●	●	●	●							

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Isolated Sigma/Delta A/D Convertors																						
ADuM7701-8RIZ							●				●	●	●	●	●							
ADuM7703RWZ							●				●	●	●	●	●							
ADuM7703-8RIZ							●				●	●	●	●	●							
Isolated CAN																						
ADM3050E							●				●	●	●	●	●							
ADM3052						●																
ADM3053		●									●	●	●							●		
ADM3054						●					●	●	●	●								
ADM3055E						●					●	●	●	●	●							
ADM3056E							●				●	●	●	●	●							
ADM3057E					●						●	●	●	●	●							
LTM2889		●																				
Isolated SPI (SPIisolator)																						
ADuM3150					●						●	●										
ADuM3151					●						●	●										
ADuM3152					●						●	●										
ADuM3153					●						●	●										
ADuM3154					●						●	●										
ADuM4150						●					●	●	●	●	●							
ADuM4151						●					●	●	●	●	●							
ADuM4152						●					●	●	●	●	●							

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Isolated SPI (SPIsolator)																						
ADuM4153						●					●	●	●	●	●							
ADuM4154						●					●	●	●	●	●							
LTM2810									●		●	●			●							
LTM2883		●																				
LTM2886		●																				
LTM2887		●																				
LTM2892				●																		
LTM2893								●			●	●			●							
LTM2895								●			●	●			●							
Isolated Switching Regulators																						
ADUM3470		●									●	●	●	●						●		
ADUM3471		●									●	●	●	●						●		
ADUM3472		●									●	●	●	●						●		
ADUM3473		●									●	●	●	●						●		
ADUM3474		●									●	●	●	●						●		
ADuM4470						●					●	●	●	●	●							
ADuM4471						●					●	●	●	●	●							
ADuM4472						●					●	●	●	●	●							
ADuM4473						●					●	●	●	●	●							
ADuM4474						●					●	●	●	●	●							
LTM8046											●											

Part No.	UL 1577 (kVms)										CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE 0884-11	TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	6.5	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Reinf.	Reinf.			
Isolated Switching Regulators																						
LTM8057											●											
LTM8058											●											
Isolated LVDS																						
ADN4650RWZ						●					●	●	●	●						●		
ADN4650RSZ						●					●	●	●	●								
ADN4651RWZ						●					●	●	●	●						●		
ADN4651RSZ											●	●	●	●								
ADN4652RWZ						●					●	●	●	●						●		
ADN4652RSZ											●	●	●	●								
Isolated Switch Controller																						
ADP1074RW						●														●		
ADP1074CC																				●		
Flyback, Forward & Isolated Controllers																						
ADP1031		●									●		●									
ADP1032		●									●		●									
ADP1071-1RWZ						●										●						
ADP1071-2RWZ						●										●						