

Safety and Regulatory Compliance Information

The *iCoupler*® family of digital isolation products have been tested and approved by various 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 copies of the actual safety certificates.

[IEC61010-1, Edition 3 Application Note](#)

Last updated: 5/2019

** Click on bullets to view safety reports.

Part No.	UL 1577 (kVms)									CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE-0884-10		TUV 60950		TUV 61010	CQC	ATEX	IECEx
	1	2.5	3	3.5	3.75	5	5.7	6	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM110N			●							●	●	●			●					●		
ADuM120N			●							●	●	●	●	●	●					●		
ADuM121N			●							●	●	●	●	●	●					●		
ADuM130DRZ					●					●	●	●		●	●					●		
ADuM130DRWZ					●					●	●	●	●	●	●					●		
ADuM130ERZ					●					●	●	●		●	●					●		
ADuM130ERWZ					●					●	●	●	●	●	●					●		
ADuM131DRZ					●					●	●	●		●	●					●		
ADuM131DRWZ					●					●	●	●	●	●	●					●		
ADuM131ERZ					●					●	●	●		●	●					●		
ADuM131ERWZ					●					●	●	●	●	●	●					●		
ADuM140DRZ					●					●	●	●		●	●					●		
ADuM140DRQZ										●	●	●	●		●					●		

Part No.	UL 1577 (kVms)									CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE-0884-10		TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM140DRWZ					●					●	●	●	●	●	●					●		
ADuM140ERZ					●					●	●	●		●	●					●		
ADuM140ERQZ										●	●	●	●		●					●		
ADuM140ERWZ					●					●	●	●	●	●	●					●		
ADuM141DRZ					●					●	●	●		●	●					●		
ADuM141DRQZ										●	●	●	●		●					●		
ADuM141DRWZ					●					●	●	●	●	●	●					●		
ADuM141ERZ					●					●	●	●		●	●					●		
ADuM141ERQZ										●	●	●	●		●					●		
ADuM141ERWZ					●					●	●	●	●	●	●					●		
ADuM142DRZ					●					●	●	●		●	●					●		
ADuM142DRQZ										●	●	●	●		●					●		
ADuM142DRWZ					●					●	●	●	●	●	●					●		
ADuM142ERZ					●					●	●	●		●	●					●		
ADuM142ERQZ										●	●	●	●		●					●		
ADuM142ERWZ					●					●	●	●	●	●	●					●		
ADuM150NRZ										●	●	●	●							●		
ADuM151NRZ										●	●	●	●							●		
ADuM152NRZ										●	●	●	●							●		
ADuM160NRZ										●	●	●	●							●		
ADuM161NRZ										●	●	●	●							●		
ADuM162NRZ										●	●	●	●							●		

Part No.	UL 1577 (kVms)									CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE-0884-10		TUV 60950		TUV 61010	CQC	ATEX	IECEx
	1	2.5	3	3.5	3.75	5	5.7	6	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM163NRZ										●	●	●	●							●		
ADuM210N						●				●	●	●	●	●	●							
ADuM220NRWZ						●				●	●	●	●	●	●					●		
ADuM221NRWZ						●				●	●	●	●	●	●					●		
ADuM225NRIZ						●				●	●	●	●	●	●							
ADuM226NRIZ						●				●	●	●	●	●	●							
ADuM230DRIZ																				●		
ADuM230DRWZ						●				●	●	●	●	●	●					●		
ADuM230ERIZ																				●		
ADuM230ERWZ						●				●	●	●	●	●	●					●		
ADuM231DRIZ																				●		
ADuM231DRWZ						●				●	●	●	●	●	●					●		
ADuM231ERIZ																				●		
ADuM231ERWZ						●				●	●	●	●	●	●					●		
ADuM240DRIZ																				●		
ADuM240DRWZ						●				●	●	●	●	●	●					●		
ADuM240ERIZ																				●		
ADuM240ERWZ						●				●	●	●	●	●	●					●		
ADuM241DRIZ																				●		
ADuM241DRWZ						●				●	●	●	●	●	●					●		
ADuM241ERIZ																				●		
ADuM241ERWZ						●				●	●	●	●	●	●					●		

Part No.	UL 1577 (kVms)									CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE-0884-10		TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM1246ARSZ					●					●	●			●	●							
ADuM1280			●							●	●	●			●							
ADuM1281			●							●	●	●			●							
ADuM1285			●							●	●	●			●							
ADuM1286			●							●	●	●			●							
ADuM1300		●								●	●	●	●		●		●	●	●	●		
ADuM1301		●								●	●	●	●		●		●	●	●	●		
ADuM1310		●								●	●	●	●		●		●	●		●		
ADuM1311		●								●	●	●	●		●		●	●		●		
ADuM1400		●								●	●	●	●		●		●	●	●	●		
ADuM1401		●								●	●	●	●		●		●	●	●	●		
ADuM1402		●								●	●	●	●		●		●	●	●	●		
ADuM1410		●								●	●	●	●		●		●	●		●		
ADuM1411		●								●	●	●	●		●		●	●		●		
ADuM1412		●								●	●	●	●		●		●	●		●		
ADuM1440xRQ			●							●		●	●		●						●	●
ADuM1441xRQ			●							●		●	●		●						●	●
ADuM1442xRQ			●							●		●	●		●						●	●
ADuM1445xRQ			●							●		●	●		●						●	●
ADuM1446xRQ			●							●		●	●		●						●	●
ADuM1447xRQ			●							●		●	●		●						●	●
ADuM1440RS					●					●	●			●	●						●	●

Part No.	UL 1577 (kVms)									CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE-0884-10		TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM1441RS					●					●	●			●	●						●	●
ADuM1442RS					●					●	●			●	●						●	●
ADuM1445RS					●					●	●			●	●						●	●
ADuM1446RS					●					●	●			●	●						●	●
ADuM1447RS					●					●	●			●	●						●	●
ADuM1510		●																				
ADuM2200						●				●	●	●		●	●					●		
ADuM2201						●				●	●	●		●	●					●		
ADuM2210						●				●	●	●		●	●					●		
ADuM2211						●				●	●	●		●	●					●		
ADuM2280						●				●	●	●	●	●	●					●		
ADuM2281						●				●	●	●	●	●	●					●		
ADuM2285						●				●	●	●	●	●	●					●		
ADuM2286						●				●	●	●	●	●	●					●		
ADuM2400						●				●	●	●		●	●		●	●	●	●	●	
ADuM2401						●				●	●	●		●	●		●	●	●	●	●	
ADuM2402						●				●	●	●		●	●		●	●	●	●	●	
ADuM3100		●								●	●	●			●					●		
ADuM3200		●								●	●	●			●					●		
ADuM3201		●								●	●	●			●					●		
ADuM3210		●								●	●	●			●					●		
ADuM3211		●								●	●	●			●					●		

Part No.	UL 1577 (kVms)									CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE-0884-10		TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Basic	Reinf.	Reinf.			
Standard Digital Isolators																						
ADuM7642	●																					
ADuM7643	●																					
Digital Isolators w/ isoPower																						
ADuM3070		●								●	●	●	●		●							
ADuM4070						●				●	●	●	●	●	●							
ADuM5000		●								●	●	●	●			●				●		
ADuM5010		●								●					●					●		
ADuM5020			●							●	●	●	●	●								
ADuM5028			●							●	●	●	●	●	●							
ADuM5200		●								●	●	●	●			●				●		
ADuM5201		●								●	●	●	●			●				●		
ADuM5202		●								●	●	●	●			●				●		
ADuM5210		●								●					●					●		
ADuM5211		●								●					●					●		
ADuM5212		●								●					●					●		
ADuM5240		●								●	●	●			●					●		
ADuM5241		●								●	●	●			●					●		
ADuM5242		●								●	●	●			●					●		
ADuM5400		●								●	●	●	●			●				●		
ADuM5401		●								●	●	●	●			●				●		
ADuM5402		●								●	●	●	●			●				●		
ADuM5403		●								●	●	●	●			●				●		

Part No.	UL 1577 (kVms)									CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE-0884-10		TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Basic	Reinf.	Reinf.			
Isolated Gate Driver																						
ADuM7234	●																					
Isolated I2C																						
ADM3260		●								●					●					●		
ADuM1250		●								●	●	●			●		●			●		
ADuM1251		●								●	●	●			●		●			●		
ADuM2250						●				●	●	●		●	●					●		
ADuM2251						●				●	●	●		●	●					●		
LTM2883		●																				
LTM2886		●																				
LTM2887		●																				
LTM2892				●																		
Linear Isolators																						
ADuM3190		●								●	●	●	●		●							
ADuM4190						●				●	●			●	●					●		
Isolated RS-485																						
ADM2481		●													●							
ADM2482E		●													●							
ADM2483		●								●	●	●	●		●					●		
ADM2484E						●				●	●	●	●		●							
ADM2485		●								●	●	●	●		●							
ADM2486		●								●	●	●	●		●							
ADM2487E		●													●							

Part No.	UL 1577 (kVms)									CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE-0884-10		TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Basic	Reinf.	Reinf.			
Isolated RS-485																						
ADM2490E						●										●						
ADM2491E		●				●										●						
ADM2582E		●															●			●		
ADM2587E		●				●											●			●		
ADM2682E						●				●	●	●	●	●	●							
ADM2687E						●				●	●	●	●	●	●							
ADM2795E						●				●	●	●		●	●							
LTC1535		●																				
LTM2881		●																				
Isolated RS-232																						
ADM3251E		●								●	●	●	●			●	●					
ADM3252E			●							●	●					●	●					
LTM2882		●																				
Isolated Sigma/Delta A/D Convertors																						
AD7400/AD7401						●				●	●	●	●			●						
AD7400A						●				●	●	●	●			●						
AD7401A						●				●	●	●	●			●						
AD7402						●				●	●					●						
AD7402-8						●				●	●					●						
AD7403						●				●	●					●						
AD7403-8						●				●	●					●						
AD7405						●				●	●					●						

Part No.	UL 1577 (kVms)									CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE-0884-10		TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Basic	Reinf.	Reinf.			
Isolated SPI (SPIisolator)																						
LTM2886		●																				
LTM2887		●																				
LTM2892				●																		
LTM2893								●		●	●			●								
LTM2895								●		●	●			●								
Isolated Switching Regulators																						
ADUM3470		●								●	●	●	●		●					●		
ADUM3471		●								●	●	●	●		●					●		
ADUM3472		●								●	●	●	●		●					●		
ADUM3473		●								●	●	●	●		●					●		
ADUM3474		●								●	●	●	●		●					●		
ADuM4470						●				●	●	●	●	●	●							
ADuM4471						●				●	●	●	●	●	●							
ADuM4472						●				●	●	●	●	●	●							
ADuM4473						●				●	●	●	●	●	●							
ADuM4474						●				●	●	●	●	●	●							
LTM8046										●												
LTM8057										●												
LTM8058										●												
Isolated LVDS																						
ADN4650RWZ						●				●	●	●	●		●					●		
ADN4650RSZ						●				●	●	●	●		●							

Part No.	UL 1577 (kVms)									CSA/IEC 60950/62368		CSA/IEC 61010 3rd Ed		CSA/IEC 60601	VDE-0884-10		TUV 60950		TUV 61010	CQC	ATEX	IECEX
	1	2.5	3	3.5	3.75	5	5.7	6	7.5	Basic	Reinf.	Basic	Reinf.	2 MOPP	Reinf.	Basic	Basic	Reinf.	Reinf.			
Isolated LVDS																						
ADN4651RWZ						●				●	●	●	●		●					●		
ADN4651RSZ										●	●	●	●		●							
ADN4652RWZ						●				●	●	●	●		●					●		
ADN4652RSZ										●	●	●	●		●							
Isolated Switch Controller																						
ADP1074						●									●							
Flyback, Forward & Isolated Controllers																						
ADP1071-1															●							
ADP1071-2															●							