

CERTIFICATE OF COMPLIANCE

Certificate Number E90700
Report Reference E90700-20210602
Issue Date 2022-MAY-13

Issued to: FAIRCHILD SEMICONDUCTOR CORP
1272 Borregas Ave
Sunnyvale, CA 94089

This certificate confirms that representative samples of OPTICAL ISOLATORS - COMPONENT
See Addendum Page for Models

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, Optical Isolators
CSA Component Acceptance Service Notice No. 5A,
Component Acceptance Service for Optocouplers and
Related Devices

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

UL LLC

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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, providing 5000 vac isolation, Models - FOD785X [a], 4N35

Double protection optical isolators, providing 3750 Vac isolation, Models - FODM181X [c], FODM291X [c]

[a] - Where X can be any letter or blank for different electrical binning (CTR) which range from 50%-600%.

[c] - Where X could be empty or any alphabets.

Ratings:

Model	Current (mA)		Power (mW)		Isolation Voltage	Max Operating Temp (C)	Max Operating Junction (C)	Max Storage (C)
	Emitter	Sensor	Emitter	Sensor				
FOD785X	60	50	100	150	5000	110	125	125
4N35	60	50	100	150	5000	110	125	125
FODM181X	50	50	70	150	3750	110	125	125
FODM291X	50	50	70	150	3750	110	125	125



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