CHIPANALOG
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PRODUCT SELECTION GUIDE

2026 PRODUCT PORTFOLIO

2026 Q4

Connecting Every Chip, Advancing Every Possibility

SHANGHAI CHIPANALOG MICROELECTRONICS CO., LTD.

COMPANY OVERVIEW

WHO WE ARE

Analog and Mixed-Signal IC Portfolio Supplier

A Leader in Isolation and Interface ICs

2016
FOUNDED

1,000+
PART NUMBERS

200+
EMPLOYEES





R&D and Sales Network

R&D & SALES NETWORK

Shanghai / Beijing / Shenzhen / Nanjing / Suzhou / Hangzhou

Xi’an / Wuhan / Chengdu

IC PORTFOLIO

PRODUCT MATRIX

Isolation & Interface

- Digital Isolators
- Isolated Interfaces
- Interface ICs

High-Performance Analog

- Isolated Signal Sensing
- Analog Front Ends
- Sensors

Gate Drivers & Power

- Isolated Gate Drivers
- Power Management
- Drivers & Switches

CATALOG

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01 INTERFACE ICs

CAN Transceivers

Part Number	Separate Logic Supply	Remote Wake-up	Data Rate (Mbps)	Common-Mode Input (V)	Bus Fault Protection (V)	HBM ESD All Pins (±kV)	HBM ESD Bus Pins (±kV)	Supply Voltage (V)	Logic Supply Range (V)	Junction Temp. (°C)	Package
Industrial CAN Transceivers											
CA-IF1051HS	No	No	5	-30~30	-70~70	4	6	4.5~5.5	/	-55~150	SOIC8(S)
CA-IF1051S	No	No	5	-30~30	-58~58	4	8	4.5~5.5	/	-55~150	SOIC8(S)
CA-IF1051VS	Yes	No	5	-30~30	-58~58	4	8	4.5~5.5	2.5~5.5	-55~150	SOIC8(S)
CA-IF1051CS	No	No	5	-30~30	-58~58	6	8	4.5~5.5	/	-55~150	SOIC8(S)
CA-IF1051CVS	Yes	No	5	-30~30	-58~58	6	8	4.5~5.5	2.5~5.5	-55~150	SOIC8(S)
CA-IF1030S	No	Yes	1	-12~12	-18~18	4	25	3-3.6	/	-55~150	SOIC8(S)
CA-IF1033S	No	Yes	1	-12~12	-18~18	4	25	3-3.6	/	-55~150	SOIC8(S)
CA-IF1034S	No	Yes	1	-12~12	-18~18	4	25	3-3.6	/	-55~150	SOIC8(S)
CA-IF4420S	Yes	No	5	-30~30	-58~58	4	35	4.5~5.5	1.8~5.5	-55~150	SOIC8(S)

CAN Transceivers

Part Number	Separate Logic Supply	Remote Wake-up	Data Rate (Mbps)	Common-Mode Input (V)	Bus Fault Protection (V)	HBM ESD All Pins (±kV)	HBM ESD Bus Pins (±kV)	Supply Voltage (V)	Logic Supply Range (V)	Junction Temp. (°C)	Package
Automotive CAN Transceivers											
CA-IF1051S-Q1	No	No	5	-30~30	-58~58	4	8	4.5~5.5	/	-55~150	SOIC8(S)
CA-IF1051VS-Q1	Yes	No	5	-30~30	-58~58	4	8	4.5~5.5	2.5~5.5	-55~150	SOIC8(S)
CA-IF1051AS-Q1	No	No	5	-30~30	-58~58	4	8	4.5~5.5	/	-55~150	SOIC8(S)
CA-IF1051AVS-Q1	Yes	No	5	-30~30	-58~58	4	8	4.5~5.5	2.5~5.5	-55~150	SOIC8(S)
CA-IF1042S-Q1	No	Yes	5	-30~30	-70~70	8	16	4.5~5.5	/	-55~150	SOIC8(S)

01 INTERFACE ICs

Part Number	Separate Logic Supply	Remote Wake-up	Data Rate (Mbps)	Common-Mode Input (V)	Bus Fault Protection (V)	HBM ESD All Pins (±kV)	HBM ESD Bus Pins (±kV)	Supply Voltage (V)	Logic Supply Range (V)	Junction Temp. (°C)	Package
CA-IF1042VS-Q1	Yes	Yes	5	-30~30	-70~70	8	16	4.5~5.5	3~5.5	-55~150	SOIC8(S)
CA-IF1044S-Q1	No	Yes	5	-30~30	-58~58	6	8	4.5~5.5	/	-55~150	SOIC8(S)
CA-IF1044VS-Q1	Yes	Yes	5	-30~30	-58~58	6	8	4.5~5.5	3.0~5.5	-55~150	SOIC8(S)
CA-IF1044D-Q1	No	Yes	5	-30~30	-58~58	6	8	4.5~5.5	/	-55~150	DFN8(D)
CA-IF1044VD-Q1	Yes	Yes	5	-30~30	-58~58	6	8	4.5~5.5	3.0~5.5	-55~150	DFN8(D)
CA-IF1044AS-Q1	No	Yes	5	-30~30	-42~42	6	8	4.5~5.5	/	-55~150	SOIC8(S)
CA-IF1044AVS-Q1	Yes	Yes	5	-30~30	-42~42	6	8	4.5~5.5	3.0~5.5	-55~150	SOIC8(S)
CA-IF1044AD-Q1	No	Yes	5	-30~30	-42~42	6	8	4.5~5.5	/	-55~150	DFN8(D)
CA-IF1044AVD-Q1	Yes	Yes	5	-30~30	-42~42	6	8	4.5~5.5	3.0~5.5	-55~150	DFN8(D)
CA-IF1043NF-Q1	Yes	Yes	5	-30~30	-58~58	4	4	4.5~5.5	1.7~5.5	-55~150	SOIC14(NF)
CA-IF1043DF-Q1	Yes	Yes	5	-30~30	-58~58	4	4	4.5~5.5	1.7~5.5	-55~150	DFN14(DF)
CA-IF1042LS-Q1	No	Yes	5	-30~30	-42~42	6	6	4.5~5.5	3.0~5.5	-55~150	SOIC8(S)
CA-IF1042LVS-Q1	Yes	Yes	5	-30~30	-42~42	6	6	4.5~5.5	3.0~5.5	-55~150	SOIC8(S)
CA-IF1145FNF-Q1	Yes	Yes	5	-30~30	-42~42	2	8	4.5~5.5	3.0~5.5	-55~150	SOIC14(NF)
CA-IF1145FDF-Q1	Yes	Yes	5	-30~30	-42~42	2	8	4.5~5.5	3.0~5.5	-55~150	DFN14(DF)

LIN Transceivers

Part Number	Integrated LDO	Remote Wake-up	Data Rate (kbps)	Common-Mode Input (V)	Bus Fault Protection (V)	HBM ESD All Pins (±kV)	HBM ESD Bus Pins (±kV)	Supply Voltage (V)	Logic Supply Range (V)	Junction Temp. (°C)	Package
Automotive LIN Transceivers											
CA-IF1021S-Q1	No	Yes	20	/	-58~58	2	4	5.5-27	/	-55~150	SOIC8(S)

01 INTERFACE ICs

Part Number	Integrated LDO	Remote Wake-up	Data Rate (kbps)	Common-Mode Input (V)	Bus Fault Protection (V)	HBM ESD All Pins (±kV)	HBM ESD Bus Pins (±kV)	Supply Voltage (V)	Logic Supply Range (V)	Junction Temp. (°C)	Package
CA-IF1021D-Q1	No	Yes	20	/	-58~58	2	4	5.5-27	/	-55~150	DFN8(D)
CA-IF1024F-Q1	No	Yes	20	/	-42~42	8	14	5-18	/	-40~150	QFN24(F)
CA-IF1024AF-Q1	No	Yes	20	/	-42~42	8	14	5-18	/	-40~150	QFN24(F)
CA-IF1022F-Q1	No	Yes	20	/	-42~42	8	14	5-18	/	-40~150	QFN24(F)
CA-IF1022NF-Q1	No	Yes	20	/	-42~42	8	14	5-18	/	-40~150	SOP14(NF)
CA-IF1021LS-Q1	No	Yes	20	/	-42~42	8	8	5.5-27	/	-55~150	SOIC8(S)
CA-IF1021LD-Q1	No	Yes	20	/	-42~42	8	8	5.5-27	/	-55~150	DFN8(D)
CA-IF1022DF-Q1	No	Yes	20	/	-42~42	8	14	5-18	/	-40~150	DFN14(DF)

RS-485/RS-422 Transceivers

Part Number	Bus Node Count	Separate Logic Supply	Operating Mode	Data Rate (Mbps)	Common-Mode Input Voltage	Bus Fault Protection	HBM ESD, Other Pins (kV)	HBM ESD, Bus Pins (kV)	Supply Voltage (V)	Operating Temp.	Package
RS-485/RS-422 Transceivers											
CA-IF4888HS	256	No	Half-Duplex	0.5	-15~15	-30~30	6	30	3~5.5	-40~125	SOIC8(S)
CA-IF4805HS	256	No	Half-Duplex	0.5	-15~15	-30~30	6	30	3~5.5	-40~125	SOIC8(S)
CA-IF4805FS	256	No	Full-Duplex	0.5	-15~15	-30~30	6	15	3~5.5	-40~125	SOIC8(S)
CA-IF4820HS	256	No	Half-Duplex	20	-15~15	-30~30	6	30	3~5.5	-40~125	SOIC8(S)
CA-IF4820FS	256	No	Full-Duplex	20	-15~15	-30~30	6	15	3~5.5	-40~125	SOIC8(S)
CA-IF4850HS	256	No	Half-Duplex	50	-15~15	-30~30	6	30	3~5.5	-40~125	SOIC8(S)
CA-IF4850FS	256	No	Full-Duplex	50	-15~15	-30~30	6	15	3~5.5	-40~125	SOIC8(S)
CA-IF4805HM	256	No	Half-Duplex	0.5	-15~15	-30~30	6	30	3~5.5	-40~125	MSOP8(M)

01 INTERFACE ICs

Part Number	Bus Node Count	Separate Logic Supply	Operating Mode	Data Rate (Mbps)	Common-Mode Input Voltage	Bus Fault Protection	HBM ESD, Other Pins (kV)	HBM ESD, Bus Pins (kV)	Supply Voltage (V)	Operating Temp.	Package
RS-485/RS-422 Transceivers											
CA-IF4805FM	256	No	Full-Duplex	0.5	-15~15	-30~30	6	15	3~5.5	-40~125	MSOP8(M)
CA-IF4820HM	256	No	Half-Duplex	20	-15~15	-30~30	6	30	3~5.5	-40~125	MSOP8(M)
CA-IF4820FM	256	No	Full-Duplex	20	-15~15	-30~30	6	15	3~5.5	-40~125	MSOP8(M)
CA-IF4850HM	256	No	Half-Duplex	50	-15~15	-30~30	6	30	3~5.5	-40~125	MSOP8(M)
CA-IF4850FM	256	No	Full-Duplex	50	-15~15	-30~30	6	15	3~5.5	-40~125	MSOP8(M)
CA-IF4805HD	256	No	Half-Duplex	0.5	-15~15	-30~30	6	30	3~5.5	-40~125	DFN8(D)
CA-IF4805FD	256	No	Full-Duplex	0.5	-15~15	-30~30	6	15	3~5.5	-40~125	DFN8(D)
CA-IF4820HD	256	No	Half-Duplex	20	-15~15	-30~30	6	30	3~5.5	-40~125	DFN8(D)
CA-IF4820FD	256	No	Full-Duplex	20	-15~15	-30~30	6	15	3~5.5	-40~125	DFN8(D)
CA-IF4850HD	256	No	Half-Duplex	50	-15~15	-30~30	6	30	3~5.5	-40~125	DFN8(D)
CA-IF4850FD	256	No	Full-Duplex	50	-15~15	-30~30	6	15	3~5.5	-40~125	DFN8(D)

RS-485/RS-422 Transceivers

Part Number	Bus Node Count	Separate Logic Supply	Operating Mode	Data Rate (Mbps)	Common-Mode Input Voltage	Bus Fault Protection	HBM ESD, Other Pins (kV)	HBM ESD, Bus Pins (kV)	Supply Voltage (V)	Operating Temp.	Package
RS-485/RS-422 Transceivers											
CA-IF4220NF	256	No	Full-Duplex	20	-15~15	-30~30	6	15	3~5.5	-40~125	SOIC14(NF)

01 INTERFACE ICs

RS-485/RS-422 Transceivers

Part Number	Bus Node Count	Separate Logic Supply	Operating Mode	Data Rate (Mbps)	Common-Mode Input Voltage	Bus Fault Protection	HBM ESD, Other Pins (kV)	HBM ESD, Bus Pins (kV)	Supply Voltage (V)	Operating Temp.	Package
RS-485 Transceivers											
CS485S	50	No	Half-Duplex	**0.25**	**-7~12**	**-8~13**	**8**	**18**	**3~5.5**	**-40~125**	**SOIC8(S)**
CS485M	50	No	Half-Duplex	**0.25**	**-7~12**	**-8~13**	**8**	**18**	**3~5.5**	**-40~125**	**MSOP8(M)**
CS48505S	64	No	Half-Duplex	**0.5**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**SOIC8(S)**
CS48520S	64	No	Half-Duplex	**20**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**SOIC8(S)**
CS48505M	64	No	Half-Duplex	**0.5**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**MSOP8(M)**
CS48520M	64	No	Half-Duplex	**20**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**MSOP8(M)**
CS48505D	64	No	Half-Duplex	**0.5**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**DFN8(D)**
CS48520D	64	No	Half-Duplex	**20**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**DFN8(D)**
CS48505AS	256	No	Half-Duplex	**0.5**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**SOIC8(S)**
CS48520AS	256	No	Half-Duplex	**20**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**SOIC8(S)**
CS48505AM	256	No	Half-Duplex	**0.5**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**MSOP8(M)**
CS48520AM	256	No	Half-Duplex	**20**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**MSOP8(M)**
CS48505AD	256	No	Half-Duplex	**0.5**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**DFN8(D)**
CS48520AD	256	No	Half-Duplex	**20**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**DFN8(D)**
CS48520BS	256	No	Half-Duplex	**20**	**-7~12**	**-8~13**	**8**	**20**	**3~5.5**	**-40~125**	**SOIC8(S)**

01 INTERFACE ICs

High-Voltage RS-485 Transceivers

Part Number	Bus Node Count	Bus Polarity Correction	Separate Logic Supply	Operating Mode	Data Rate (Mbps)	Common-Mode Input Voltage	Bus Fault Protection	HBM ESD, Other Pins (kV)	HBM ESD, Bus Pins (kV)	Supply Voltage (V)	Operating Temp.	Package
High-Voltage RS-485 Transceivers												
CA-IF4905S	256	No	No	Half-Duplex	0.5	-40~40	-65~65	4	30	3~5.5	-40~125	SOIC8(S)
CA-IF4905M	256	No	No	Half-Duplex	2	-40~40	-65~65	4	30	3~5.5	-40~125	MSOP8(M)
CA-IF4988S	256	Yes	No	Half-Duplex	2	-40~40	-65~65	4	30	3~5.5	-40~125	SOIC8(S)

AISG Modems

Part Number	Features / Description	RX Bandwidth (MHz)	RX Threshold (dBm)	TX Frequency (MHz)	TX Output Power (dBm)	TX Output Impedance (Ω)	Supply Voltage (V)	Operating Temp.	Package
AISG Antenna Interface Transceivers									
CA-IF4023	AISG Switch-Controlled Coaxial Modem	1.1~4.17	-18~-12	2.176	5.38~12	0.03	3~5.5	-40~125	QFN16(F)

HomeBus Transceivers

Part Number	Features / Description	Data Rate (kbps)	Bus Polarity Detection	Built-in Receiver Threshold	Termination Delay Adjustable	Input Timeout Protection	Supply Voltage (V)	Operating Temp.	Package
HBS-Compatible Transceivers									
CA-IF4288	Data and Power over One Twisted Pair	9.6~200	None	No	Fixed (34 μs)	21ms	4.5~5.5	-40~105	QFN24(F)
CA-IF4289	Data and Power over One Twisted Pair	9.6~200	Available	Yes	Adjustable (10–500 μs)	21ms	4.5~5.5	-40~105	QFN24(F)

01 INTERFACE ICs

HomeBus Transceivers

Part Number	Features / Description	Data Rate (kbps)	VRAW Load (mA)	LDO Load (mA)	Termination Delay Adjustable	External RX Threshold Adjustment	Bus Voltage (V)	Operating Temp.	Package
HBS Transceivers with Integrated Active Inductor									
CA-IF42088	Integrated Active Inductor and LDO; Data/Power on One Twisted Pair	9.6~200	300	90	Adjustable (10–500 µs)	Yes	9~24	-40~105	QFN24(F)

RS-232 Transceivers

Part Number	Features / Description	Data Rate (kbps)	Low Supply Current (mA)	Max. Slew Rate (V/µs)	Output Short-Circuit Current (mA)	Receiver Hysteresis (V)	Supply Voltage (V)	Operating Temp.	Package
RS-232 Transceivers									
CA-IF43232EN	Dual Drivers and Dual Receivers	250	1	30	35	0.5	3~5.5	-40~125	SOIC16-NB(N)
CA-IF43232ETB	Dual Drivers and Dual Receivers	250	1	30	35	0.5	3~5.5	-40~125	TSSOP16(TB)

02 ISOLATED INTERFACES

I²C Isolators

Part Number	Integrated Isolated Power	SCK Mode	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (MHz)	Supply Voltage (V)	Operating Temp. (°C)	Package
Low-Power Unidirectional/Bidirectional I²C Isolators										
CA-IS3020S	No	Bidirectional	3750	150	6.5	8	2	3~5.5	-40~125	SOIC8(S)
CA-IS3021S	No	Unidirectional	3750	150	6.5	8	2	3~5.5	-40~125	SOIC8(S)
CA-IS3020G	No	Bidirectional	5000	150	12.8	8	2	3~5.5	-40~125	SOIC8-WB(G)
CA-IS3021G	No	Unidirectional	5000	150	12.8	8	2	3~5.5	-40~125	SOIC8-WB(G)
CA-IS3020W	No	Bidirectional	5000	150	12.8	8	2	3~5.5	-40~125	SOIC16-WB(W)
CA-IS3021W	No	Unidirectional	5000	150	12.8	8	2	3~5.5	-40~125	SOIC16-WB(W)
CA-IS3020WG	No	Bidirectional	7500	150	12.8	8	2	3~5.5	-40~125	SOIC8-WWB(WG)

Isolated CAN Transceivers

Part Number	Integrated Isolated Power	Bus Fault Protection (V)	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD (kV)	Data Rate (Mbps)	Supply Voltage (V)	Operating Temp. (°C)	Package
Isolated CAN Transceivers (Compact Packages)										
CA-IS3050G	No	±58	5000	150	12.8	8	1	2.5~5.5	-40~125	SOIC8-WB(G)
CA-IS3052G	No	±58	5000	150	12.8	8	1	2.5~5.5	-40~125	SOIC8-WB(G)
CA-IS3050W	No	±58	5000	150	12.8	8	1	2.5~5.5	-40~125	SOIC16-WB(W)
CA-IS3052W	No	±58	5000	150	12.8	8	1	2.5~5.5	-40~125	SOIC16-WB(W)
CA-IS3050U	No	±58	3750	150	8.125	8	1	2.5~5.5	-40~125	DUB8 (U)
CA-IS3050WG	No	±58	7500	150	12.8	8	1	2.5~5.5	-40~125	SOIC8-WWB(WG)
CA-IS1044S	No	±58	3750	100	5.3	7	2	2.5~5.5	-40~125	SOIC8(S)

02 ISOLATED INTERFACES

General-Purpose Isolated CAN Transceivers

Part Number	Integrated Isolated Power	Bus Fault Protection (V)	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD (kV)	Data Rate (Mbps)	Supply Voltage (V)	Operating Temp. (°C)	Package
General-Purpose Isolated CAN Transceivers										
CA-IS3050CU	No	±52	3750	150	5.3	8	5	3~5.5	-40~125	DUB8 (U)
CA-IS3050CG	No	±52	5000	150	12.8	8	5	3~5.5	-40~125	SOIC8-WB (G)
CA-IS3050CW	No	±52	5000	150	12.8	8	5	3~5.5	-40~125	SOIC16-WB (W)
CA-IS3052CG	No	±52	5000	150	12.8	8	5	3~5.5	-40~125	SOIC8-WB (G)
CA-IS3052CW	No	±52	5000	150	12.8	8	5	3~5.5	-40~125	SOIC16-WB (W)

Isolated CAN Transceivers with Integrated Power

Part Number	Integrated Isolated Power	Bus Fault Protection (V)	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD (kV)	Data Rate (Mbps)	Supply Voltage (V)	Operating Temp. (°C)	Package
Reinforced Isolated CAN Transceivers with Integrated DC/DC										
CA-IS3062W	Yes	±58	5000	150	12.8	6	1	4.5~5.5	-40~125	SOIC16-WB(W)
CA-IS3062VW	Yes	±58	5000	150	12.8	6	1	4.5~5.5	-40~125	SOIC16-WB(W)
Isolated CAN Transceivers with Integrated DC/DC										
CA-IS2062W	Yes	±58	3750	150	12.8	6	1	4.5~5.5	-40~125	SOIC16-WB(W)
CA-IS2062VW	Yes	±58	3750	150	12.8	6	1	4.5~5.5	-40~125	SOIC16-WB(W)
Ultra-Compact Isolated CAN Transceivers with Integrated DC/DC										
CA-IS2062A	Yes	±42	2500	150	6.5	6	5	4.5~5.5	-40~125	LGA16 (A)

02 ISOLATED INTERFACES

Isolated RS-485/RS-422 Transceivers

Part Number	Integrated Isolated Power		Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD (kV)	Data Rate (Mbps)	Supply Voltage (V)	Operating Temp. (°C)	Package
Isolated RS-485/RS-422 Transceivers (Compact Packages)										
CA-IS3080WX	No	Full-Duplex	5000	150	12.8	20	0.5	2.375~5.5	-40~125	SOIC16-WB(W)
CA-IS3086WX	No	Full-Duplex	5000	150	12.8	20	10	2.375~5.5	-40~125	SOIC16-WB(W)
CA-IS3082WX	No	Half-Duplex	5000	150	12.8	20	0.5	2.375~5.5	-40~125	SOIC16-WB(W)
CA-IS3082WNX	No	Half-Duplex	5000	150	12.8	20	0.5	2.375~5.5	-40~125	SOIC16-WB(W)
CA-IS3088WX	No	Half-Duplex	5000	150	12.8	20	20	2.375~5.5	-40~125	SOIC16-WB(W)
CA-IS3089WX	No	Half-Duplex	5000	150	12.8	8	40	2.375~5.5	-40~125	SOIC16-WB(W)
CA-IS2082B	No	Half-Duplex	3000	100	5.3	8	20	2.375~5.5	-40~125	SSOP16(B)
CA-IS3082WW	No	Half-Duplex	7500	150	12.8	20	0.5	2.375~5.5	-40~125	SOIC16-WWB(WW)

Isolated RS-485/RS-422 Transceivers

Part Number	Integrated Isolated Power		Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD (kV)	Data Rate (Mbps)	Supply Voltage (V)	Operating Temp. (°C)	Package
General-Purpose Isolated RS-485/RS-422 Transceivers										
CA-IS3082CWX	No	Half-Duplex	5000	150	12.8	20	0.5	3.0~5.5	-40~125	SOIC16-WB(W)
CA-IS3082CWNX	No	Half-Duplex	5000	150	12.8	20	0.5	3.0~5.5	-40~125	SOIC16-WB(W)
CA-IS3088CWNX	No	Half-Duplex	5000	150	12.8	20	12	3.0~5.5	-40~125	SOIC16-WB(W)

02 ISOLATED INTERFACES

Isolated RS-485/RS-422 with Integrated Power

Part Number	Integrated Isolated Power		Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD (kV)	Data Rate (Mbps)	Supply Voltage (V)	Operating Temp. (°C)	Package
Reinforced Isolated RS-485/RS-422 Transceivers with DC/DC										
CA-IS3092W	Yes	Half-Duplex	5000	150	12.8	20	0.5	3~5.5	-40~125	SOIC16-WB(W)
CA-IS3092VW	Yes	Half-Duplex	5000	150	12.8	20	0.5	3~5.5	-40~125	SOIC16-WB(W)
CA-IS3098W	Yes	Half-Duplex	5000	150	12.8	20	20	3~5.5	-40~125	SOIC16-WB(W)
CA-IS3098VW	Yes	Half-Duplex	5000	150	12.8	20	20	3~5.5	-40~125	SOIC16-WB(W)

Isolated RS-485/RS-422 with Integrated Power

Part Number	Integrated Isolated Power		Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD (kV)	Data Rate (Mbps)	Supply Voltage (V)	Operating Temp. (°C)	Package
Isolated RS-485/RS-422 Transceivers with DC/DC										
CA-IS2092W	Yes	Half-Duplex	3750	150	12.8	20	0.5	3~5.5	-40~125	SOIC16-WB(W)
CA-IS2092VW	Yes	Half-Duplex	3750	150	12.8	20	0.5	3~5.5	-40~125	SOIC16-WB(W)
Ultra-Compact Isolated RS-485 Transceiver with DC/DC										
CA-IS2092A	Yes	Half-Duplex	2500	150	6.5	20	0.5	3~5.5	-40~125	LGA16(A)

Isolated Digital Inputs/Outputs

Part Number	Output Interface	Total Channels	High-Speed Channels	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD (kV)	Channel Rate (Mbps)	Supply Voltage (V)	Withstand Voltage (V)	Output Type	Operating Temp. (°C)	Package
8-Channel Isolated Digital Input Receivers												
CA-IS3980S	Serial	8	0	300	5.3	4	0.25	2.25~5.5	2500	Push-pull	-40~125	SSOP20(Y)
CA-IS3980P	Parallel	8	0	300	5.3	4	0.25	2.25~5.5	2500	Push-pull	-40~125	SSOP20(Y)

02 ISOLATED INTERFACES

Part Number	Output Interface	Total Channels	High-Speed Channels	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD (kV)	Channel Rate (Mbps)	Supply Voltage (V)	Withstand Voltage (V)	Output Type	Operating Temp. (°C)	Package
CA-IS3988P	Parallel	8	8	50	5.3	4	2	2.25~5.5	2500	Push-pull	-40~125	SSOP20(Y)
CA-IS3980CPTY	Parallel	8	0	150	6.5	6	0.5	2.25~5.5	3750	Push-pull	-40~125	TSSOP20(TY)

Isolated CAN Transceivers

Part Number	Integrated Isolated Power	Bus Fault Protection (V)	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD (kV)	Data Rate (Mbps)	Supply Voltage (V)	Operating Temp. (°C)	Package
Automotive Isolated CAN Transceivers										
CA-IS3052G-Q1	No	±58	5000	150	12.8	8	1	2.5~5.5	-40~125	SOIC8-WB(G)

Isolated LVDS

Part Number	Data Rate (Gbps)	(ns)	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD HBM (kV)	Bus ESD Contact (kV)	Supply Voltage (V)	Operating Temp. (°C)	Package
Isolated LVDS										
CA-IS3030T	1.1	3.5	3750	50	6.5	4	6	2.375~3.6	-40~125	SOIC20-WB(T)

03 DIGITAL ISOLATORS

Digital Isolators with Integrated Power

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
2-Channel Digital Isolators with Integrated Power														
CA-IS3620LW	Yes	2	0	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3621LW	Yes	2	1	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3621LVW	Yes	2	1	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
4-Channel Digital Isolators with Integrated Power														
CA-IS3640HW	Yes	4	0	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3641HW	Yes	4	1	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3642HW	Yes	4	2	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3643HW	Yes	4	3	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3644HW	Yes	4	4	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3640LW	Yes	4	0	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3641LW	Yes	4	1	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3642LW	Yes	4	2	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3643LW	Yes	4	3	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3644LW	Yes	4	4	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)

03 DIGITAL ISOLATORS

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3640HVW	Yes	4	0	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3641HVW	Yes	4	1	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3642HVW	Yes	4	2	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3643HVW	Yes	4	3	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3644HVW	Yes	4	4	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3640LVW	Yes	4	0	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3641LVW	Yes	4	1	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3642LVW	Yes	4	2	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3643LVW	Yes	4	3	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3644LVW	Yes	4	4	5000	150	10	6	DC-100M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)

03 DIGITAL ISOLATORS

Digital Isolators with Integrated Power

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
Ultra-Compact Digital Isolators with Integrated Power														
CA-IS2631HA	Yes	3	1	2500	50	8	4	DC-50M	3-5.5	1.5	Push-pull	High/Low	-40~125	LGA(4.65mmx5.2mm)

Standard Digital Isolators

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
Dual-Channel Standard Digital Isolators														
CA-IS3720HS	No	2	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8(S)
CA-IS3721HS	No	2	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8(S)
CA-IS3722HS	No	2	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8(S)
CA-IS3720LS	No	2	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3721LS	No	2	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3722LS	No	2	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3720HG	No	2	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)

03 DIGITAL ISOLATORS

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3721HG	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3722HG	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3720LG	No	2	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
CA-IS3721LG	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
CA-IS3722LG	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
CA-IS3720HW	No	2	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3721HW	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3722HW	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3720LW	No	2	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3721LW	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3722LW	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
3-Channel Standard Digital Isolators														
CA-IS3730HN	No	3	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3731HN	No	3	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3730LN	No	3	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3731LN	No	3	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3730HW	No	3	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3731HW	No	3	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3730LW	No	3	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)

03 DIGITAL ISOLATORS

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3731LW	No	3	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3731HB	No	3	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3731LB	No	3	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
4-Channel Standard Digital Isolators														
CA-IS3740HN	No	4	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3741HN	No	4	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3742HN	No	4	2	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3740LN	No	4	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3740VLN	No	4	0	3750	150	8	6	DC-150M	1.8-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3741LN	No	4	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3742LN	No	4	2	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3740HW	No	4	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3741HW	No	4	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3742HW	No	4	2	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3740LW	No	4	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3741LW	No	4	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3742LW	No	4	2	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3740HB	No	4	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3741HB	No	4	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)

03 DIGITAL ISOLATORS

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3742HB	No	4	2	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3740LB	No	4	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
CA-IS3741LB	No	4	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
CA-IS3742LB	No	4	2	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
6-Channel Standard Digital Isolators														
CA-IS3760HN	No	6	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3761HN	No	6	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3762HN	No	6	2	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3763HN	No	6	3	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3760LN	No	6	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3761LN	No	6	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3762LN	No	6	2	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3763LN	No	6	3	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3760HW	No	6	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3761HW	No	6	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3762HW	No	6	2	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3763HW	No	6	3	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3760LW	No	6	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3761LW	No	6	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)

03 DIGITAL ISOLATORS

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3762LW	No	6	2	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3763LW	No	6	3	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3760HB	No	6	0	3750	50	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3761HB	No	6	1	3750	50	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3762HB	No	6	2	3750	50	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3763HB	No	6	3	3750	50	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3760LB	No	6	0	3750	50	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
CA-IS3761LB	No	6	1	3750	50	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
CA-IS3762LB	No	6	2	3750	50	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
CA-IS3763LB	No	6	3	3750	50	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)

Standard Digital Isolators

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
Low-Power Digital Isolators														
CS817x22HS	No	2	1	3750	150	6.4	5	200k	2.5-5.5	160	Push-pull	High	-40~105	SOIC8(S)
CS817x22LS	No	2	1	3750	150	6.4	5	200k	2.5-5.5	160	Push-pull	Low	-40~105	SOIC8(S)
CS817x20HS	No	2	0	3750	150	6.4	5	200k	2.5-5.5	160	Push-pull	High	-40~105	SOIC8(S)
CS817x20LS	No	2	0	3750	150	6.4	5	200k	2.5-5.5	160	Push-pull	Low	-40~105	SOIC8(S)

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High-Isolation Digital Isolators

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
2-Channel High-Isolation Digital Isolators														
CA-IS3820HG	No	2	0	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3820LG	No	2	0	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
CA-IS3821HG	No	2	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3821LG	No	2	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
CA-IS3822HG	No	2	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3822LG	No	2	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
CA-IS3820HW	No	2	0	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3820LW	No	2	0	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3821HW	No	2	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3821LW	No	2	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3822HW	No	2	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3822LW	No	2	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3820HWW	No	2	0	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3820LWW	No	2	0	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
CA-IS3821HWW	No	2	1	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3821LWW	No	2	1	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
CA-IS3822HWW	No	2	1	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)

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Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3822LWW	No	2	1	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
3-Channel High-Isolation Digital Isolators														
CA-IS3830HW	No	3	0	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3830LW	No	3	0	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3831HW	No	3	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3831LW	No	3	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3830HWW	No	3	0	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3830LWW	No	3	0	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
CA-IS3831HWW	No	3	1	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3831LWW	No	3	1	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
4-Channel High-Isolation Digital Isolators														
CA-IS3840HW	No	4	0	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3840LW	No	4	0	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3841HW	No	4	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3841LW	No	4	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3842HW	No	4	2	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3842LW	No	4	2	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3840HWW	No	4	0	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3840LWW	No	4	4	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)

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Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3841HWW	No	4	1	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3841LWW	No	4	1	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
CA-IS3842HWW	No	4	2	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3842LWW	No	4	2	7500	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
6-Channel High-Isolation Digital Isolators														
CA-IS3860HW	No	6	0	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3860LW	No	6	0	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3861HW	No	6	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3861LW	No	6	1	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3862HW	No	6	2	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3862LW	No	6	2	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3863HW	No	6	3	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3863LW	No	6	3	5700	150	12.8	8	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)

Standard Digital Isolators

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
Automotive Single-Channel Standard Digital Isolators														
CA-IS3710HS-Q1	No	1	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8(S)

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Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3710LS-Q1	No	1	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8(S)
Automotive Dual-Channel Standard Digital Isolators														
CA-IS3720HS-Q1	No	2	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8(S)
CA-IS3720LS-Q1	No	2	0	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3721HS-Q1	No	2	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8(S)
CA-IS3721LS-Q1	No	2	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3722HS-Q1	No	2	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8(S)
CA-IS3722LS-Q1	No	2	1	3750	150	8	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3720HW-Q1	No	2	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3720LW-Q1	No	2	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3721HW-Q1	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3721LW-Q1	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3722HW-Q1	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3722LW-Q1	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3720HG-Q1	No	2	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3720LG-Q1	No	2	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
CA-IS3722HG-Q1	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3722LG-Q1	No	2	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
Automotive 4-Channel Standard Digital Isolators														

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Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3740HW-Q1	No	4	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3740LW-Q1	No	4	0	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3741HW-Q1	No	4	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3741LW-Q1	No	4	1	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3742HW-Q1	No	4	2	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3742LW-Q1	No	4	2	5000	150	10	6	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)

Standard Digital Isolators

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
General-Purpose Digital Isolators														
CA-IS3720CLS	No	2	0	3750	150	5.3	8	DC-40M	3.0-5.5	2.6	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3720CHS	No	2	0	3750	150	5.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC8(S)
CA-IS3721CLS	No	2	1	3750	150	5.3	8	DC-40M	3.0-5.5	2.6	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3721CHS	No	2	1	3750	150	5.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC8(S)
CA-IS3722CLS	No	2	1	3750	150	5.3	8	DC-40M	3.0-5.5	2.6	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3722CHS	No	2	1	3750	150	5.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC8(S)
CA-IS3731CHW	No	3	1	5000	150	11.3	8	DC-40M	3.0-5.5	2	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3731CLW	No	3	1	5000	150	11.3	8	DC-40M	3.0-5.5	2	Push-pull	Low	-40~125	SOIC16-WB(W)

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Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3740CHW	No	4	0	5000	150	11.3	8	DC-40M	3.0-5.5	2	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3740CLW	No	4	0	5000	150	11.3	8	DC-40M	3.0-5.5	2	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3741CHW	No	4	1	5000	150	11.3	8	DC-40M	3.0-5.5	2	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3741CLW	No	4	1	5000	150	11.3	8	DC-40M	3.0-5.5	2	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3742CHW	No	4	2	5000	150	11.3	8	DC-40M	3.0-5.5	2	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3742CLW	No	4	2	5000	150	11.3	8	DC-40M	3.0-5.5	2	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3720CHG	No	2	0	5000	150	11.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3720CLG	No	2	0	5000	150	11.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3721CHG	No	2	1	5000	150	11.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3721CLG	No	2	1	5000	150	11.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3722CHG	No	2	1	5000	150	11.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3722CLG	No	2	1	5000	150	11.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3720CLW	No	2	0	5000	150	11.3	8	DC-40M	3.0-5.5	2.6	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3720CHW	No	2	0	5000	150	11.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3721CHW	No	2	1	5000	150	11.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3722CHW	No	2	1	5000	150	11.3	8	DC-40M	3.0-5.5	2.6	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3760CLW	No	6	0	5000	150	11.3	8	DC-40M	3.0-5.5	2.2	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3760CHW	No	6	0	5000	150	11.3	8	DC-40M	3.0-5.5	2.2	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3761CLW	No	6	1	5000	150	11.3	8	DC-40M	3.0-5.5	2.2	Push-pull	Low	-40~125	SOIC16-WB(W)

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Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
CA-IS3761CHW	No	6	1	5000	150	11.3	8	DC-40M	3.0-5.5	2.2	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3762CLW	No	6	2	5000	150	11.3	8	DC-40M	3.0-5.5	2.2	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3762CHW	No	6	2	5000	150	11.3	8	DC-40M	3.0-5.5	2.2	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3763CLW	No	6	3	5000	150	11.3	8	DC-40M	3.0-5.5	2.2	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3763CHW	No	6	3	5000	150	11.3	8	DC-40M	3.0-5.5	2.2	Push-pull	High	-40~125	SOIC16-WB(W)

Standard Digital Isolators

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (bps)	Supply Voltage (V)	Supply Current per Ch. (mA)	Output Type	Default Output State	Operating Temp. (°C)	Package
Dual-Channel Standard Digital Isolators														
CA-IS3720ALS	No	2	0	3750	250	6.5	8	DC-150M	2.375-5.5	1.7	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3722AHS	No	2	1	3750	250	6.5	8	DC-150M	2.375-5.5	1.7	Push-pull	High	-40~125	SOIC8(S)
CA-IS3722AHG	No	2	1	5700	250	12.8	8	DC-150M	2.375-5.5	1.7	Push-pull	High	-40~125	SOIC8-WB(G)

High-Voltage I/O Digital Isolators

Part Number	Integrated Isolated Power	Channels	Reverse Channels	Isolation (Vrms)	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating HBM (kV)	Data Rate (kbps)	Output Voltage (V)	Input Current Threshold (mA)	Max. Forward Input Current	Reverse Input Voltage (V)	Operating Temp. (°C)	Package
High-Voltage I/O Digital Isolators														
CA-IS2421AST	No	2	1	3750	100	10	2	150	80	1.6	50	6	-40~125	SOIC7

04 ISOLATED SIGNAL SENSING

Isolated Modulators

Part Number	High-Side Supply (V)	Low-Side Supply (V)	Input Voltage (V)	CMRR (dB)	PSRR (dB)	Clock (MHz)	Gain Error (%)	Isolation (Vrms)	CMTI (kV/μs)	Encoding	Surge Rating (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Isolated Modulators for Current Sensing														
CA-IS1204W	4.5-5.5	3-5.5	±250	-85	-98	5-21 IN	±2	5000	150	No encoding	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS1306M25G	3-5.5	3-5.5	±250	-85	-98	5-21 IN	±0.2	5000	150	No encoding	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS1306M05G	3-5.5	3-5.5	±50	-98	-98	5-21 IN	±0.2	5000	150	No encoding	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS1305AM25W	4.5-5.5	3-5.5	±250	-85	-98	5-21 IN	±0.3	5000	150	No encoding	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS1305M25W	4.5-5.5	3-5.5	±250	-85	-98	5-21 IN	±0.3	5000	150	No encoding	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS1306AM25W	3-5.5	3-5.5	±250	-85	-98	5-21 IN	±0.2	5000	150	No encoding	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS1306M25W	3-5.5	3-5.5	±250	-85	-98	5-21 IN	±0.2	5000	150	No encoding	12.8	4/2	-40~125	SOIC16-WB(W)

Isolated Amplifiers

Part Number	High-Side Supply (V)	Low-Side Supply (V)	Input Voltage (V)	CMRR (dB)	PSRR (dB)	Initial Gain Error (%)	Gain Error (%)	Isolation (Vrms)	CMTI (kV/μs)	Output Noise (mVrms)	Surge Rating (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Isolated Amplifiers for Current Sensing														
CA-IS1200U	3-5.5	3-5.5	±250	-98	-100	8	±0.5	3750	150	0.33	5.3	4/2	-40~125	DUB8(U)
CA-IS1200G	3-5.5	3-5.5	±250	-98	-100	8	±0.5	5000	150	0.33	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS1300G25G	3-5.5	3-5.5	±250	-98	-100	8.2	±0.5	5000	150	0.33	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS1300G05G	3-5.5	3-5.5	±50	-104	-116	41	±0.3	5000	150	0.32	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS1300B25G	3-5.5	3-5.5	±250	-98	-100	8.2	±0.3	5000	150	0.33	12.8	4/2	-40~125	SOIC8-WB(G)

Isolated Amplifiers

Part Number	High-Side Supply (V)	Low-Side Supply (V)	Input Voltage (V)	CMRR (dB)	PSRR (dB)	Initial Gain Error (%)	Gain Error (%)	Isolation (Vrms)	CMTI (kV/μs)	Output Noise (mVrms)	Surge Rating (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Cost-Optimized Isolated Amplifiers for Current Sensing														
CA-IS1200CS	3-5.5	3-5.5	±250	-98	-100	8	±0.3	3750	150	0.43	6.5	4/2	-40~125	SOIC8(S)
CA-IS1200CU	3-5.5	3-5.5	±250	-98	-100	8	±0.3	3750	150	0.43	8.125	4/2	-40~125	DUB8(S)
CA-IS1200CG	3-5.5	3-5.5	±250	-98	-100	8	±0.3	5000	150	0.43	8.125	4/2	-40~125	SOIC8-WB(G)
CA-IS1300CG25G	3-5.5	3-5.5	±250	-98	-100	8.2	±0.3	5000	150	0.43	8.125	4/2	-40~125	SOIC8-WB(G)

Isolated Amplifiers

Part Number	High-Side Supply (V)	Low-Side Supply (V)	Input Voltage (V)	Input Offset Voltage (mV)	Bandwidth (kHz)	Initial Gain Error (%)	Gain Error (%)	Isolation (Vrms)	CMTI (kV/μs)	Output Noise (mVrms)	Surge Rating (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Isolated Amplifiers for Voltage Sensing														
CA-IS1311G	3-5.5	3-5.5	-0.1~2	±1.5	275	1	±0.3	5000	30	0.23	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS1311BG	3-5.5	3-5.5	-0.1~2	±1.5	275	1	±0.3	5000	150	0.23	12.8	4/2	-40~125	SOIC8-WB(G)

Isolated Amplifiers

Part Number	High-Side Supply (V)	Low-Side Supply (V)	Input Voltage (V)	CMRR (dB)	PSRR (dB)	Initial Gain Error (%)	Gain Error (%)	Isolation (Vrms)	CMTI (kV/μs)	Output Noise (mVrms)	Surge Rating (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Automotive Isolated Amplifiers for Current Sensing														
CA-IS1300B25G-Q1	3-5.5	3-5.5	±250	-98	-100	8.2	±0.3	5000	150	0.33	12.8	4/2	-40~125	SOIC8-WB(G)

Isolated Amplifiers

Part Number	High-Side Supply (V)	Low-Side Supply (V)	Input Voltage (V)	Input Offset Voltage (mV)	Bandwidth (kHz)	Initial Gain Error (%)	Gain Error (%)	Isolation (Vrms)	CMTI (kV/μs)	Output Noise (mVrms)	Surge Rating (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Automotive Isolated Amplifiers for Voltage Sensing														
CA-IS1311G-Q1	3-5.5	3-5.5	-0.1~2	±1.5	275	1	±0.3	5000	150	0.23	12.8	4/2	-40~125	SOIC8-WB(G)

Integrated Current Sensors

Part Number	Current Range (A)	Low-Side Supply (V)	Input Impedance (mΩ)	Total Error (%)	Nonlinearity (%)	Sensitivity (mV/A)	Bandwidth (kHz)	Propagation Delay (μs)	Response Time (μs)	Isolation (Vrms)	Surge Rating (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Hall-Effect Current Sensors														
CA-IS23050W	±50	4.5-5.5	0.61	±3	±1	40	120	2	3.7	5000	10	2/0.5	-40~125	SOIC16-WB(W)
CA-IS23025S	±25	4.5-5.5	1	±3	±1	80	120	2	3.7	3750	6	2/0.5	-40~125	SOIC8(S)
CA-IS23030S	±30	4.5-5.5	1	±3	±1	66.67	120	2	3.7	3750	6	2/0.5	-40~125	SOIC8(S)
CA-IS23050S	±50	4.5-5.5	1	±3	±1	40	120	2	3.7	3750	6	2/0.5	-40~125	SOIC8(S)
CA-IS23101WH	±100	4.5-5.5	0.27	±3.5	±1	20	400	1.1	1.2	5000	10	TBD	-40~125	SOIC10T-WB(WH)
CA-IS23102WH	±100	4.5-5.5	0.27	±3.5	±1	20	400	1.1	1.2	5000	10	TBD	-40~125	SOIC10T-WB(WH)

06 ANALOG FRONT ENDS

Voltage References

Part Number	Features / Description	Output Voltage	Temperature Coefficient	Initial Accuracy	Quiescent Current	Load Regulation	Line Regulation	0.1–10 Hz Noise	Package
Voltage References									
CA-HP6025S	Low-Drift Voltage Reference	2.5 V	1 ppm/℃	0.0005	0.65 mA	14 ppm/mA	2 ppm/V	10 μVp-p	SOIC8
CA-HP6041S	Low-Drift Voltage Reference	4.096 V	2 ppm/℃	0.0005	0.65 mA	9 ppm/mA	2 ppm/V	16 μVp-p	SOIC8
CA-HP6050S	Low-Drift Voltage Reference	5 V	2.5 ppm/℃	0.0005	0.65 mA	7 ppm/mA	2 ppm/V	20 μVp-p	SOIC8

07 ISOLATED GATE DRIVERS

Standard Isolated Gate Drivers

Part Number	Peak Source/ Sink (A)	Output UVLO (V)	Output Type	Output Supply Range (V)	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Single-Channel Optocoupler-Compatible Isolated Gate Drivers										
CA-IS3211VBJ	5/6	8	Single Vout Pin	10~30	8000	150	12.8	4/2	-40~125	SOIC6-WB(J)
CA-IS3211VCJ	5/6	12	Single Vout Pin	14~30	8000	150	12.8	4/2	-40~125	SOIC6-WB(J)
CA-IS3211VBG	5/6	8	Single Vout Pin	10~30	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3211VCG	5/6	12	Single Vout Pin	14~30	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3211SBG	5/6	8	Split Output	10~30	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3211SCG	5/6	12	Split Output	14~30	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3211VBU	5/6	8	Single Vout Pin	10~30	5300	150	8	4/2	-40~125	DUB8 (U)
CA-IS3211VCU	5/6	12	Single Vout Pin	14~30	5300	150	8	4/2	-40~125	DUB8 (U)
CA-IS3211MCG	5/5	12	Single Vout Pin	14~33	8000	150	12.8	3.5/2	-40~125	SOIC8-WB(G)

Standard Isolated Gate Drivers

Part Number	Peak Source/ Sink (A)	Output UVLO (V)	Output Type	Output Supply Range (V)	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Extra-Wide-Body Optocoupler-Compatible Isolated Gate Drivers										
CA-IS3211SCWG	5/6	12	Split Output	14~30	10600	100	12.8	4/2	-40~125	SOIC8-WWB(WG)

07 ISOLATED GATE DRIVERS

Standard Isolated Gate Drivers

Part Number	Peak Source/ Sink (A)	Output UVLO (V)	Output Type	Output Supply Range (V)	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Cost-Optimized Single-Channel Optocoupler-Compatible Drivers										
CA-IS3211CVCJ	4.7/6	12	Single Vout Pin	14~30	8000	150	12.8	4/2	-40~125	SOIC6-WB(J)
CA-IS3211CVBJ	4.7/6	8	Single Vout Pin	14~30	8000	150	12.8	4/2	-40~125	SOIC6-WB(J)
CA-IS3211CVCU	4.7/6	12	Single Vout Pin	14~30	5300	150	8.125	4/2	-40~125	DUB8(U)

Standard Isolated Gate Drivers

Part Number	Peak Source/ Sink (A)	Output UVLO (V)	Enable Mode	Output Supply Range (V)	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Dual-Channel Isolated Gate Drivers, 5 A Source / 6 A Sink										
CA-IS3221CW	5/6	12	DIS	14~30	8000	150	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS3221BW	5/6	8	DIS	10~30	8000	150	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS3222CW	5/6	12	EN	14~30	8000	150	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS3222BW	5/6	8	EN	10~30	8000	150	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS3222BK	5/6	8	EN	10~30	8000	150	12.8	4/2	-40~125	SOIC14-WB(W)
CA-IS3222CK	5/6	12	EN	14~30	8000	150	12.8	4/2	-40~125	SOIC14-WB(W)
CA-IS3221AW	5/6	6	DIS	10~30	8000	150	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS3221AN	5/6	6	DIS	10~30	5300	150	8	4/2	-40~125	SOIC16-NB(N)
CA-IS3221BN	5/6	8	DIS	10~30	5300	150	8	4/2	-40~125	SOIC16-NB(N)

07 ISOLATED GATE DRIVERS

Part Number	Peak Source/ Sink (A)	Output UVLO (V)	Enable Mode	Output Supply Range (V)	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
CA-IS3221AA	5/6	6	DIS	8~25	3535	150	4.55	4/2	-40~125	LGA13(A)
CA-IS3221BA	5/6	8	DIS	10~25	3535	150	4.55	4/2	-40~125	LGA13(A)

Standard Isolated Gate Drivers

Part Number	Peak Source/ Sink (A)	Output UVLO (V)	Enable Mode	Output Supply Range (V)	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Cost-Optimized Dual-Channel Drivers, 4.7 A Source / 6 A Sink										
CA-IS3221CBW	4.7/6	8	DIS	10~30	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)
CA-IS3221CBN	4.7/6	8	DIS	10~30	5300	150	5.3	3/2	-40~125	SOIC16-NB(N)
CA-IS3221CAW	4.7/6	6	DIS	10~30	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)
CA-IS3221CAN	4.7/6	6	DIS	10~30	5300	150	5.3	3/2	-40~125	SOIC16-NB(N)

Standard Isolated Gate Drivers

Part Number	Peak Source/ Sink (A)	Output UVLO (V)	Enable Mode	Output Supply Range (V)	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Automotive Dual-Channel Gate Drivers, 5 A Source / 6 A Sink										
CA-IS3221CW-Q1	5/6	12	DIS	14~30	8000	150	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS3221BW-Q1	5/6	8	DIS	10~30	8000	150	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS3222CW-Q1	5/6	12	EN	14~30	8000	150	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS3222BW-Q1	5/6	8	EN	10~30	8000	150	12.8	4/2	-40~125	SOIC16-WB(W)
CA-IS3221CK-Q1	5/6	12	DIS	14~30	8000	150	12.8	4/2	-40~125	SOIC14-WB(K)
CA-IS3221BK-Q1	5/6	8	DIS	10~30	8000	150	12.8	4/2	-40~125	SOIC14-WB(K)

07 ISOLATED GATE DRIVERS

Part Number	Peak Source/ Sink (A)	Output UVLO (V)	Enable Mode	Output Supply Range (V)	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
CA-IS3222CK-Q1	5/6	12	EN	14~30	8000	150	12.8	4/2	-40~125	SOIC14-WB(K)
CA-IS3222BK-Q1	5/6	8	EN	10~30	8000	150	12.8	4/2	-40~125	SOIC14-WB(K)
CA-IS3221CN-Q1	5/6	12	DIS	14~30	5300	150	8	4/2	-40~125	SOIC16-NB(N)
CA-IS3221BN-Q1	5/6	8	DIS	10~30	5300	150	8	4/2	-40~125	SOIC16-NB(N)
CA-IS3222CN-Q1	5/6	12	EN	14~30	5300	150	8	4/2	-40~125	SOIC16-NB(N)
CA-IS3222BN-Q1	5/6	8	EN	10~30	5300	150	8	4/2	-40~125	SOIC16-NB(N)

Standard Isolated Gate Drivers

Part Number	Peak Source/ Sink (A)	Output UVLO (V)	Miller Clamp Current (A)	Enable Mode	Output Supply Range (V)	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Automotive Dual-Channel Isolated Drivers with Miller Clamp, 10 A/10 A											
CA-IS3225HDWY-Q1	10/10	18.5	5	DIS	20~32	8000	150	12.8	4/2	-40~125	SOIC18-WB(WY)

Smart Isolated Gate Drivers

Part Number	Application	Peak Source/ Sink (A)	DESAT Threshold	Soft Turn-Off Current	Built-in Dead Time	Clamp Type	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Industrial Single-Channel Reinforced Isolated Gate Drivers												
CA-IS3215VNW	IGBT	15	9V	400mA	None	Internal	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)
CA-IS3215LNW	IGBT	15	9V	400mA	None	Internal	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)

07 ISOLATED GATE DRIVERS

Smart Isolated Gate Drivers

Part Number	Application	Peak Source/ Sink (A)	DESAT Threshold	Soft Turn-Off Current	Built-in Dead Time	Clamp Type	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Automotive Single-Channel Reinforced Isolated Gate Drivers												
CA-IS3215ENW-Q1	IGBT	15	9V	400mA	800ns	Internal	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)
CA-IS3215SNW-Q1	IGBT	15	9V	400mA	800ns	Internal	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)
CA-IS3215LNW-Q1	IGBT	15	9V	400mA	800ns	Internal	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)
CA-IS3216SNW-Q1	SIC	15	6V	1A	140ns	Internal	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)
CA-IS3217SNW-Q1	IGBT	10	9.1V	400mA	/	Internal	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)
CA-IS3217ANW-Q1	IGBT	10	9.1V	400mA	/	Internal	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)
CA-IS3217CNW-Q1	IGBT	10	9.1V	400mA	800ns	Internal	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)
CA-IS3217LNW-Q1	IGBT	10	9.1V	400mA	800ns	Internal	8000	150	12.8	3/2	-40~125	SOIC16-WB(W)

Functional-Safety Smart Isolated Gate Drivers

Part Number	Application	Peak Source/ Sink (A)	DESAT Threshold	Soft Turn-Off Current	Built-in Dead Time	Clamp Type	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Automotive Functional-Safety Isolated Gate Drivers												
CA-IS3265AMT-Q1	IGBT	15	9V	Externally Configurable	800ns	Internal	8000	150	12.8	3/2	-40~125	MSOW20(MT)
CA-IS3265DMT-Q1	IGBT	15	9V	Externally Configurable	800ns	Internal	8000	150	12.8	3/2	-40~125	MSOW20(MT)
CA-IS3266AMT-Q1	SIC	15	6V	Externally Configurable	140ns	Internal	8000	150	12.8	3/2	-40~125	MSOW20(MT)
CA-IS3266BMT-Q1	SIC	15	6V	1A	140ns	Internal	8000	150	12.8	3/2	-40~125	MSOW20(MT)
CA-IS3266CMT-Q1	SIC	15	6V	1A	140ns	Internal	8000	150	12.8	3/2	-40~125	MSOW20(MT)
CA-IS3266DMT-Q1	SIC	15	6V	Externally Configurable	140ns	Internal	8000	150	12.8	3/2	-40~125	MSOW20(MT)

07 ISOLATED GATE DRIVERS

Standard Isolated Gate Drivers

Part Number	Application	Peak Source/ Sink (A)	Output UVLO (V)	Max. Drive Voltage (V)	Propagation Delay (ns)	Clamp Type	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Single-Channel Isolated Gate Drivers with CMOS/TTL Inputs												
CA-IS3212SCS	IGBT/SiC	4/5	12	33	85	No	5300	150	6.5	4/2	-40~125	SOIC8-S(S)
CA-IS3212SBS	IGBT/SiC	4/5	8	33	85	No	5300	150	6.5	4/2	-40~125	SOIC8-S(S)
CA-IS3212MCS	IGBT/SiC	4/5	12	33	85	Internal	5300	150	6.5	4/2	-40~125	SOIC8-S(S)
CA-IS3212VCS	IGBT/SiC	4/5	12	33	85	No	5300	150	6.5	4/2	-40~125	SOIC8-S(S)
CA-IS3212TSCG	IGBT/SiC	4/5	12	33	85	No	8000	150	12.8	3/2	-40~125	SOIC8-WB(G)
CA-IS3212SCG	IGBT/SiC	4/5	12	33	85	No	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3212MCG	IGBT/SiC	4/5	12	33	85	Internal	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3212VCG	IGBT/SiC	4/5	12	33	85	No	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3214MCG	IGBT/SiC	10/10	12.5	33	80	Internal	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3214TSCG	IGBT/SiC	10/10	12.5	33	80	No	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3214MBG	IGBT/SiC	10/10	8	33	80	Internal	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3214SBG	IGBT/SiC	10/10	8	33	80	No	8000	150	12.8	4/2	-40~125	SOIC8-WB(G)
CA-IS3213MCG	IGBT/SiC	15/15	12	33	130	Internal	8000	150	12.8	3/2	-40~125	SOIC8-WB(G)
CA-IS3213VCG	IGBT/SiC	15/15	12	33	130	No	8000	150	12.8	3/2	-40~125	SOIC8-WB(G)

07 ISOLATED GATE DRIVERS

Standard Isolated Gate Drivers

Part Number	Application	Peak Source/ Sink (A)	Output UVLO (V)	Max. Drive Voltage (V)	Propagation Delay (ns)	Clamp Type	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Single-Channel Isolated Gate Drivers with Slew-Rate Control (SRC)												
CA-IS3234CCG	IGBT/SiC	(10/10)x2	12	35	90	No	8000	150	12.8	6/2	-40~125	SOIC8-WB(G)
CA-IS3234RNCG	IGBT/SiC	(10/10)x2	12	35	90	No	8000	150	12.8	6/2	-40~125	SOIC8-WB(G)

Standard Isolated Gate Drivers

Part Number	Application	Peak Source/ Sink (A)	Output UVLO (V)	Max. Drive Voltage (V)	Propagation Delay (ns)	Clamp Type	Max. Working Isolation (Vpk)	CMTI (kV/μs)	Diode	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Automotive Half-Bridge Drivers (Isolated High Side / Non-Isolated Low Side)												
CA-IS3223EHS-Q1	Si MOS/ IGBT	1.9/2.2	12	20	70	No	800	50	NO	3/2	-40~125	SOIC8-S(S)
CA-IS3223ELS-Q1	Si MOS/ IGBT	1.9/2.2	12	20	70	No	800	50	NO	3/2	-40~125	SOIC8-S(S)
CA-IS3223EVS-Q1	Si MOS/ IGBT	1.9/2.2	12	20	70	No	800	50	NO	3/2	-40~125	SOIC8-S(S)

Standard Isolated Gate Drivers

Part Number	Application	Peak Source/ Sink (A)	Output UVLO (V)	Max. Drive Voltage (V)	Propagation Delay (ns)	Clamp Type	Max. Working Isolation (Vpk)	CMTI (kV/μs)	Diode	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Half-Bridge Drivers (Isolated High Side / Non-Isolated Low Side)												
CA-IS3223EHS	Si MOS/ IGBT	1.9/2.2	12	20	70	No	800	50	NO	3/2	-40~125	SOIC8-S(S)

08 POWER MANAGEMENT

Isolated Power Micro-Modules

Part Number	Output Power (W)	Supply Voltage	Isolation Rating	CMTI /(kV/μs)	Surge Rating	ESD (HBM)	Operating Temp.	Package
0.5 W Fully Integrated Isolated Power								
CA-IS3105W	0.5	4.5-5.5	5000	150	10	3	-40~125	SOIC16-WB(W)
1.5 W Fully Integrated Isolated Power								
CA-IS3115AW	1.5	4.5-5.5	5000	150	12.8	3	-40~125	SOIC16-WB(W)

Isolated Power Micro-Modules

Part Number	Output Power (W)	Supply Voltage	Isolation Rating	CMTI /(kV/μs)	Surge Rating	ESD (HBM)	Operating Temp.	Package
Automotive 1.5 W Fully Integrated Isolated Power								
CA-IS3115AW-Q1	1.5	4.5-5.5	5000	150	12.8	3	-40~125	SOIC16-WB(W)

System Basis Chips: LIN Transceivers

Part Number	Integrated LDO	Remote Wake-up	Data Rate (kbps)	Common-Mode Input (V)	Bus Fault Protection (V)	HBM ESD All Pins (±kV)	HBM ESD Bus Pins (±kV)	Supply Voltage (V)	Logic Supply Range (V)	Operating Temp. (°C)	Package
LIN Transceivers with Integrated LDO											
CA-IF10285S-Q1	Yes	Yes	20	/	-42~42	8	8	5.5-28	/	-40~150	SOIC8(S)
CA-IF10283S-Q1	Yes	Yes	20	/	-42~42	8	8	5.5-28	/	-40~150	SOIC8(S)
CA-IF10285D-Q1	Yes	Yes	20	/	-42~42	8	8	5.5-28	/	-40~150	DFN8(D)
CA-IF10283D-Q1	Yes	Yes	20	/	-42~42	8	8	5.5-28	/	-40~150	DFN8(D)
CA-IF10285AS-Q1	Yes	Yes	20	/	-42~42	8	8	5.5-28	/	-40~150	SOIC8(S)
CA-IF10283AS-Q1	Yes	Yes	20	/	-42~42	8	8	5.5-28	/	-40~150	SOIC8(S)
CA-IF10285AD-Q1	Yes	Yes	20	/	-42~42	8	8	5.5-28	/	-40~150	DFN8(D)

Part Number	Integrated LDO	Remote Wake-up	Data Rate (kbps)	Common-Mode Input (V)	Bus Fault Protection (V)	HBM ESD All Pins (±kV)	HBM ESD Bus Pins (±kV)	Supply Voltage (V)	Logic Supply Range (V)	Operating Temp. (°C)	Package
CA-IF10283AD-Q1	Yes	Yes	20	/	-42~42	8	8	5.5-28	/	-40~150	DFN8(D)

System Basis Chips: CAN Transceivers

Part Number	Integrated LDO	PN Wake-up	Data Rate (kbps)	Common-Mode Input (V)	Bus Fault Protection (V)	HBM ESD All Pins (±kV)	HBM ESD Bus Pins (±kV)	Supply Voltage (V)	Logic Supply Range (V)	Operating Temp. (°C)	Package
CAN Transceivers with Integrated LDO											
CA-IF1169FDT-Q1	Yes	Yes	5000	/	-42~42	2	8	5.5-28	5	-40~150	DFN20(D)
CA-IF1169VFDT-Q1	Yes	Yes	5000	/	-42~42	2	8	5.5-28	3.3	-40~150	DFN20(D)
CA-IF1169WDT-Q1	Yes	Yes	5000	/	-42~42	2	8	5.5-28	3.3	-40~150	DFN20(D)
CA-IF1169VWDT-Q1	Yes	Yes	5000	/	-42~42	2	8	5.5-28	3.3	-40~150	DFN20(D)

System Basis Chips: CAN + LIN Transceivers

Part Number	Integrated LDO	PN Wake-up	CAN SIC	LIN Channels	Bus Fault Protection (V)	HBM ESD All Pins (±kV)	HBM ESD Bus Pins (±kV)	Supply Voltage (V)	Logic Supply Range (V)	Operating Temp. (°C)	Package
Mid-Range SBCs with Integrated LDO											
CA-PM79263F-Q1	Yes	Yes	Yes	2	-42~42	2	8	5.5-28	5	-40~150	QFN48
CA-PM79263VF-Q1	Yes	Yes	Yes	2	-42~42	2	8	5.5-28	3.3	-40~150	QFN48
CA-PM79263CF-Q1	Yes	Yes	Yes	2	-42~42	2	8	5.5-28	5	-40~150	QFN48
CA-PM79263VCF-Q1	Yes	Yes	Yes	2	-42~42	2	8	5.5-28	3.3	-40~150	QFN48

LDO

Part Number	Input Voltage (V)	Output Voltage (V)	Output Current (mA)	Output Voltage Accuracy	Quiescent Current (μA)	HBM ESD Rating (±kV)	Operating Temp.	Package
Automotive LDO Regulators								
CA-PM76350ES-Q1	5.5~40	5	300	±2%	6	2	-40~125	ESOP8(ES)

09 DRIVERS & SWITCHES

Isolated Switches

Part Number	Off Leakage (μA)	Drain-Source Rating (V)	On Resistance (Ω)	Max. Input Reverse Voltage	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
1700 V High-Voltage Isolated Switches										
CA-IS3417WT	1	1700	50	5.5	8000	150	12.8	3/2	-40~125	SOIC12-WB(WT)

Isolated Switches

Part Number	Off Leakage (μA)	Drain-Source Rating (V)	On Resistance (Ω)	Max. Input Reverse Voltage	Max. Transient Isolation (Vpk)	CMTI (kV/μs)	Max. Surge Isolation (kVpk)	ESD Rating HBM/CDM (kV)	Operating Temp. (°C)	Package
Automotive 1700 V High-Voltage Isolated Switches										
CA-IS3417WT-Q1	1	1700	50	5.5	8000	150	12.8	3/2	-40~125	SOIC12-WB(WT)

Motor Drivers

Part Number	Analog Supply (V)	Digital Supply (V)	Sleep Current (μA)	Interface	Drive Current (mA)	CSA Common-Mode Range (V)	CSA Gain	Input Offset Voltage (mV)	Operating Temp. (°C)	Package
Automotive H-Bridge Motor Pre-Drivers										
CA-DV8706SF-Q1	5~37	3~5.5	1	SPI	0.5~96	-2 ~ PVDD+2	10/20/40/80	±1.5	-40~125	QFN32(F)
CA-DV8706HF-Q1	5~37	3~5.5	1	Hardware	0.5~96	-2 ~ PVDD+2	10/20/40/80	±1.5	-40~125	QFN32(F)

Smart Switches

Part Number	VCC Supply Range (V)	Output Voltage Rating (V)	Per-Channel Sink Current (mA)	HBM/CDM ESD Rating (kV)	Input Control Method	Operating Temp. (°C)	Package
I²C-Controlled 8-Channel Low-Side Drivers							
CA-DV8008N	3~5.5	50	500	4/2	I2C	-40~125	SOIC16-NB (N)

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Specifications are subject to change. Refer to the latest datasheet. Cross-reference information is for reference only.