ISOLATION

Digital Isolation

CA-IS36XX
Digital Isolator with Isolated Power Supply

CA-IS37XX
Basic Digital Isolator

CA-IS38XX
Reinforced Digital Isolator

CS817xXX
Ultra-low Power Digital Isolation

Isolation Interface

CA-IS302X
Isolated I2C

CA-IS305X, CA-IS205X
Isolated CAN

CA-IS306X
Isolated CAN with IsolatedPower Supply

CA-IS308X, CA-IS208X
Isolated RS-485/422

CA-IS309X, CA-IS209X
Isolated RS-485/422 with Isolated Power Supply

CA-IS398X
8-Channel Isolated Digital Input

Isolated Power Supply

CA-IS3105
0.5W Fully Integrated Isolated Power Supply

Isolation Signal Chain

CA-IS1200, CA-IS1300,
Current-sense Isolation Amplifiers

CA-IS120X, 130X
Isolated ADC Modulator

Isolated Driver

CA-IS3211
Single-channel opto-compatible, Isolated Gate Griver

CA-IS322X
Dual-Channel Isolated Gate Driver

PRODUCT MATRIX

INTERFACE

CAN/LIN

CA-IF1051X
Standard CAN/CAN FD

CA-IF4420X
Standard CAN/CAN FD

CA-IF1051/1042/1044-Q1
Automotive CAN

CA-IF1021-Q1
Automotive LIN

RS-485/422/232

12V CS485XX、30V CA-IF48XX
CA-IF4220、CS485XXA
RS - 485/422 Transceiver

Others

CA-IF4023
AISG

CA-IF4288,CA-IF4289
Homebus

DRIVER & POWER

Motor Driver
Power Switch
LED Driver
Power Management IC

HPA

High Precision Voltage Reference
AD/DA
Operational Amplifier

INDUSTRIAL

Isolation

Chipanalog CA-IS36XX Selection Table-High Performance Digital Isolators with Integrated Isolating Power Supply

Part Number	Integrate Isolated power supply(Y/N)	Nunber of Channels	Number of reversed channels	Insulation Rating (V_{RMS})	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating (Two sides,V)	Data Rate (bps)	Operating Voltage Range (V)	Operating current per channel (1Mbps,mA,typ)	Output mode	Default output	Temperature Range (°C)	Package
CA-IS3621LW	Y	2	1	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3621LW	Y	2	1	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3640HW	Y	4	0	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3641HW	Y	4	1	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3642HW	Y	4	2	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3643HW	Y	4	3	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3644HW	Y	4	4	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3640LW	Y	4	0	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3641LW	Y	4	1	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3642LW	Y	4	2	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3643LW	Y	4	3	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3644LW	Y	4	4	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3640HVW	Y	4	0	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3641HVW	Y	4	1	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3642HVW	Y	4	2	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3643HVW	Y	4	3	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3644HVW	Y	4	4	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3640LVW	Y	4	0	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3641LVW	Y	4	1	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3642LVW	Y	4	2	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3643LVW	Y	4	3	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3644LVW	Y	4	4	5000	150	10	6000	DC-150M	3-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)

Chipanalog CA-IS37XX Selection Table-Standard Digital Isolators

Part Number	Nunber of Channels	Number of reversed channels	Insulation Rating (V_{RMS})	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating (Two sides,V)	Data Rate (bps)	Operating Voltage Range (V)	Operating current per channel (1Mbps,mA,typ)	Output mode	Default output	Temperature Range (°C)	Package
CA-IS3720HS	2	0	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8(S)
CA-IS3721HS	2	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8(S)
CA-IS3722HS	2	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8(S)
CA-IS3720LS	2	0	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3721LS	2	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3722LS	2	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8(S)
CA-IS3720HG	2	0	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3721HG	2	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3722HG	2	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC8-WB(G)
CA-IS3720LG	2	0	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
CA-IS3721LG	2	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
CA-IS3722LG	2	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC8-WB(G)
CA-IS3720HW	2	0	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3721HW	2	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3722HW	2	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3720LW	2	0	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3721LW	2	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3722LW	2	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3730HN	3	0	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3731HN	3	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3730LN	3	0	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3731LN	3	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3730HW	3	0	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3731HW	3	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3730LW	3	0	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3731LW	3	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3731HB	3	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3731LB	3	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)

Part Number	Nunber of Channels	Number of reversed channels	Insulation Rating (V_{RMS}	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating (Two sides,V)	Data Rate (bps)	Operating Voltage Range (V)	Operating current per channel (1Mbps,mA,typ)	Output mode	Default output	Temperature Range (°C)	Package
CA-IS3740HN	4	0	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3741HN	4	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3742HN	4	2	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3740LN	4	0	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3741LN	4	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3742LN	4	2	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3740HW	4	0	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3741HW	4	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3742HW	4	2	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3740LW	4	0	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3741LW	4	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3742LW	4	2	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3740HB	4	0	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3741HB	4	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3742HB	4	2	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3740LB	4	0	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
CA-IS3741LB	4	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
CA-IS3742LB	4	2	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)

Part Number	Nunber of Channels	Number of reversed channels	Insulation Rating (V_{RMS}	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating (Two sides,V)	Data Rate (bps)	Operating Voltage Range (V)	Operating current per channel (1Mbps,mA,typ)	Output mode	Default output	Temperature Range (°C)	Package
CA-IS3760HN	6	0	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3761HN	6	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3762HN	6	2	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3763HN	6	3	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-NB(N)
CA-IS3760LN	6	0	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3761LN	6	1	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3762LN	6	2	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3763LN	6	3	3750	150	8	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-NB(N)
CA-IS3760HW	6	0	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3761HW	6	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3762HW	6	2	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3763HW	6	3	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3760LW	6	0	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3761LW	6	1	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3762LW	6	2	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3763LW	6	3	5000	150	10	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3760HB	6	0	3750	50	5	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3761HB	6	1	3750	50	5	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3762HB	6	2	3750	50	5	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3763HB	6	3	3750	50	5	6000	DC-150M	2.5-5.5	1.5	Push-pull	High	-40~125	SSOP16(B)
CA-IS3760LB	6	0	3750	50	5	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
CA-IS3761LB	6	1	3750	50	5	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
CA-IS3762LB	6	2	3750	50	5	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)
CA-IS3763LB	6	3	3750	50	5	6000	DC-150M	2.5-5.5	1.5	Push-pull	Low	-40~125	SSOP16(B)

Chipanalog CS817X Selection Table-Low Power Digital Isolators

Part Number	Nunber of Channels	Number of reversed channels	Insulation Rating (V_{RMS}	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating (Two sides,V)	Data Rate (bps)	Operating Voltage Range (V)	Operating current per channel (200Kbps,uA,typ)	Output mode	Default output	Temperature Range (°C)	Package
CS817x22HS	2	0	3750	150	4	5000	200K	2.25-5.5	160	Push-pull	High	-40~105	SOIC8(S)
CS817x22LS	2	1	3750	150	4	5000	200K	2.25-5.5	160	Push-pull	High	-40~105	SOIC8(S)
CS817x20HS	1	1	3750	150	4	5000	200K	2.25-5.5	160	Push-pull	High	-40~105	SOIC8(S)
CS817x20LS	2	1	3750	150	4	5000	200K	2.25-5.5	160	Push-pull	High	-40~105	SOIC8(S)

Chipanalog CA-IS38XX selection table-Reinforced Digital Isolators

Part Number	Nunber of Channels	Number of reversed channels	Insulation Rating (V_{RMS})	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating (Two sides,V)	Data Rate (bps)	Operating Voltage Range (V)	Operating current per channel (200Kbps,uA,typ)	Output mode	Default output	Temperature Range (°C)	Package
CA-IS3821HWW	2	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(WW)
CA-IS3821LWW	2	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(WW)
CA-IS3830HW	3	0	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3830LW	3	0	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3831HW	3	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3831LW	3	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3830HWW	3	0	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3830LWW	3	4	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
CA-IS3831HWW	3	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3831LWW	3	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
CA-IS3840HW	4	0	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3840LW	4	0	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
CA-IS3841HW	4	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3841LW	4	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3842HW	4	2	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3842LW	4	2	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3840HWW	4	0	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3840LWW	4	4	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
CA-IS3841HWW	4	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
CA-IS3841LWW	4	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3842HWW	4	2	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WWB(WW)
CA-IS3842LWW	4	2	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WWB(WW)
CA-IS3860HW	6	0	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3860LW	6	0	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3861HW	6	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3861LW	6	1	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)
CA-IS3862HW	6	2	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3862LW	6	2	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Hign	-40~125	SOIC16-WB(W)
CA-IS3863HW	6	3	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	Low	-40~125	SOIC16-WB(W)
CA-IS3863LW	6	3	5700	150	12.8	6000	DC-150M	2.25-5.5	1.5	Push-pull	High	-40~125	SOIC16-WB(W)

Chipanalog CA-IS302X Selection Table-Low Power Single/Dual Direction I2C Isolators

Part Number	SCK Mode	Insulation Rating (V_{RMS})	CMTI (kV/μs)	Surge Rating (kVpk)	ESD Rating (Two sides,V)	Data Rate (Mbps)	Operating Voltage Range (V)	Temperature Range (°C)	Package
CA-IS3020S	Dual Direction	3750	150	8	8000	2	3~5.5	-40~125	SOIC8(S)
CA-IS3021S	Single Direction	3750	150	8	8000	2	3~5.5	-40~125	SOIC8(S)
CA-IS3020G	Dual Direction	5000	150	10	8000	2	3~5.5	-40~125	SOIC8-WB(G)
CA-IS3021G	Single Direction	5000	150	10	8000	2	3~5.5	-40~125	SOIC8-WB(G)
CA-IS3020W	Dual Direction	5000	150	10	8000	2	3~5.5	-40~125	SOIC16-WB(W)
CA-IS3021W	Single Direction	5000	150	10	8000	2	3~5.5	-40~125	SOIC16-WB(W)

Chipanalog CA-IS305X Selection Table-Isolated CAN Transceivers

Part Number	Bus fault protection (V)	Insulation Rating (V_{RMS})	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD Rating (V)	Data Rate (Mbps)	Operating Voltage Range (V)	Temperature Range (°C)	Package
CA-IS3050G	±58	5000	150	10	4000	1	2.5~5.5	-40~125	SOIC8-WB(G)
CA-IS3052G	±58	5000	150	10	4000	1	2.5~5.5	-40~125	SOIC8-WB(G)
CA-IS3050W	±58	5000	150	10	4000	1	2.5~5.5	-40~125	SOIC16-WB(W)
CA-IS3052W	±58	5000	150	10	4000	1	2.5~5.5	-40~125	SOIC16-WB(W)
CA-IS3050U	±58	3750	150	8	4000	1	2.5~5.5	-40~125	DUB8 (U)
CA-IS1044S	±58	5000	100	5	4000	5	2.5~5.5	-40~125	SOIC8(S)

Chipanalog CA-IS306X/206X Selection Table-Isolated CAN Transceivers

Part Number	Integrate Isolated power supply (Y/N)	Bus fault protection (V)	Insulation Rating (V_{RMS})	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD Rating (V)	Data Rate (Mbps)	Operating Voltage Range (V)	Temperature Range (°C)	Package
CA-IS3062W	Y	±58	5000	150	10	5000	1	4.5~5.5	-40~125	SOIC16-WB(W)
CA-IS3062VW	Y	±58	5000	150	10	5000	1	4.5~5.5	-40~125	SOIC16-WB(W)
CA-IS2062W	Y	±58	2500	150	10	5000	1	4.5-5.5	-40~125	SOIC16-WB(W)
CA-IS2062VW	Y	±58	2500	150	10	5000	1	4.5-5.5	-40~125	SOIC16-WB(W)

Chipanalog CA-IS308X/208X Selection Table- Isolated RS-485/RS-422 Transceivers

Part Number	Operation Mode	Insulation Rating (V_{RMS})	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD Rating (V)	Data Rate (Mbps)	Operating Voltage Range (V)	Temperature Range (°C)	Package
CA-IS3080WX	Full Duplex	5000	150	10	8000	0.5	2.5~5.5	-40~125	SOIC16-WB(W)
CA-IS3086WX	Full Duplex	5000	150	10	8000	10	2.5~5.5	-40~125	SOIC16-WB(W)
CA-IS3082WX	Half Duplex	5000	150	10	8000	0.5	2.5~5.5	-40~125	SOIC16-WB(W)
CA-IS3082WNX	Half Duplex	5000	150	10	8000	0.5	2.5~5.5	-40~125	SOIC16-WB(W)
CA-IS3088WX	Half Duplex	5000	150	10	8000	20	2.5~5.5	-40~125	SOIC16-WB(W)
CA-IS2082B	Half Duplex	5000	150	4	6000	5	2.5~5.5	-40~125	SSOP16(B)

Chipanalog CA-IS309X/209X Selection Table- Isolated RS-485/RS-422 Transceivers

Part Number	Integrate Isolated power supply (Y/N)	Operation Mode	Insulation Rating (V_{RMS})	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD Rating (V)	Data Rate (Mbps)	Operating Voltage Range (V)	Temperature Range (°C)	Package
CA-IS3092W	Y	Half Duplex	5000	150	10	8000	0.5	3~5.5	-40~125	SOIC16-WB(W)
CA-IS3098W	Y	Half Duplex	5000	150	10	8000	20	3~5.5	-40~125	SOIC16-WB(W)
CA-IS3098VW	Y	Half Duplex	5000	150	10	8000	20	3~5.5	-40~125	SOIC16-WB(W)
CA-IS3092VW	Y	Half Duplex	5000	150	10	8000	0.5	3~5.5	-40~125	SOIC16-WB(W)
CA-IS2092W	Y	Half Duplex	2500	150	10	8000	0.5	3~5.5	-40~125	SOIC16-WB(W)
CA-IS2092VW	Y	Half Duplex	2500	150	10	8000	0.5	3~5.5	-40~125	SOIC16-WB(W)

Chipanalog CA-IS398X Selection Table- Isolated RS-485/RS-422 Transceivers

Part Number	Output Interface	Number of high speed channels	Low pass debounce time (ms)	CMTI (kV/μs)	Surge Rating (kVpk)	Bus ESD Rating (V)	Data Rate (Mbps)	Operating Voltage Range (V)	Voltage Rating (V)	Output Mode	Temperature Range (°C)	Package
CA-IS3980S	Parallel	0	0/10/30/100	100	4	4000	0.25	2.25~5.5	2500	Push-pull	-40~125	SSOP20(Y)
CA-IS3980P	Serial	0	0	100	4	4000	0.25	2.25~5.5	2500	Push-pull	-40~125	SSOP20(Y)
CA-IS3988P	Serial	8	0	100	4	4000	2	2.25~5.5	2500	Push-pull	-40~125	SSOP20(Y)

Chipanalog CA-IS1200/1300 Selection Table - Isolated Amplifier

Part Number	High-side Power Supply (V)	Low-side Power Supply (V)	Differential Input voltage (mV)	CMRR(dB)	PSRR (dB)	Norminal Gain	GERR (%)	Isolation Voltage (V_{RMS})	CMTI (kV/μs)	Output Noise (mV_{RMS})	Surge Rating (kVpk)	ESD Rating (V)	Temperature Range (°C)	Package
CA-IS1200U	3-5.5	3-5.5	±250	-98	-100	8	±0.5	3750	150	0.33	6	HBM ±4000 CDM ±2000	-40~125	DUB8(U)
CA-IS1200G	3-5.5	3-5.5	±250	-98	-100	8	±0.5	5000	150	0.33	6.25	HBM ±4000 CDM ±2000	-40~125	SOIC8-WB(G)
CA-IS1300G25G	3-5.5	3-5.5	±250	-93	-100	8.2	±0.5	5000	150	0.33	6.25	HBM ±4000 CDM ±2000	-40~125	SOIC8-WB(G)
CA-IS1300B25G	3-5.5	3-5.5	±250	-98	-100	8.2	±0.5	5000	150	0.33	6.25	HBM ±4000 CDM ±2000	-40~125	SOIC8-WB(G)

Chipanalog CA-IS120X/130X Selection Table - Isolated Modulator

Part Number	High-side Power Supply (V)	Low-side Power Supply (V)	Differential Input voltage (mV)	CMRR(dB)	PSRR (dB)	CLK (MHz)	GERR (%)	Isolation Voltage (V_{RMS})	CMTI (kV/μs)	Coder	Surge Rating (kVpk)	ESD Rating (V)	Temperature Range (°C)	Package
CA-IS1204W	4.5-5.5	3-5.5	±250	-85	-98	5-21 IN	±2	5000	150	Uncode	6.25	HBM ±4000 CDM ±2000	-40~125	SOIC16-WB(W)
CA-IS1306M25G	3-5.5	3-5.5	±250	-85	-98	5-21 IN	±0.2	5000	150	Uncode	6.25	HBM ±4000 CDM ±2000	-40~125	SOIC8-WB(G)
CA-IS1305AM25W	4.5-5.5	3-5.5	±250	-85	-98	5-21 IN	±0.3	5000	150	Uncode	6.25	HBM ±4000 CDM ±2000	-40~125	SOIC16-WB(W)
CA-IS1305M25W	4.5-5.5	3-5.5	±250	-85	-98	5-21 IN	±0.3	5000	150	Uncode	6.25	HBM ±4000 CDM ±2000	-40~125	SOIC16-WB(W)
CA-IS1306AM25W	3-5.5	3-5.5	±250	-85	-98	5-21 IN	±0.2	5000	150	Uncode	6.25	HBM ±4000 CDM ±2000	-40~125	SOIC16-WB(W)
CA-IS1306M25W	3-5.5	3-5.5	±250	-85	-98	5-21 IN	±0.2	5000	150	Uncode	6.25	HBM ±4000 CDM ±2000	-40~125	SOIC16-WB(W)

Chipanalog CA-IS3105 Selection Table -Isolated DC-DC Converter

Part Number	Output Power (W)	Operating Voltage Range (V)	Insulation Rating (V_{RMS})	CMTI (Min) (kV/μs)	Surge Rating (kVpk)	ESD Rating (Two sides,V)	Temperature Range (°C)	Package
CA-IS3105W	0.5	4.5~5.5	5000	150	10	6000	-40~125	SOIC16-WB(W)

Chipanalog CA-IS3211 selection table- Standard Isolated Driver

Part Number	Max Output Current Source/Sink(A)	Output Side UVLO(V)	Output Mode	Operating Voltage(V)	VIOTM (Vpk)	CMTI (kV/μs)	VIOTM (kVpk)	ESD HBM/CDM(kV)	Operating Temperature (°C)	Package
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-IS3211VCU	5/6	12	Single Vout Pin	14~30	5300	150	8	4/2	-40~125	DUB8 (U)

Chipanalog CA-IS322X selection table- Isolated Half-Bridge Driver

Part Number	Max Output Current Source/Sink(A)	UVLO Threshold(V)	Output Type	Operating Voltage Range(V)	VIOTM (Vpk)	CMTI (kV/μs)	VIOSM (kVpk)	ESD HBM/CDM(kV)	Operating Temperature (°C)	Package
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)

Interface

Chipanalog CA-IF1051 Selection Table-CAN Transceiver

Part Number	VIO	Remote Wakeup	Data Rate (Mbps)	Common Mede Voltage Range (V)	Fault Protection (V)	HBM ESD other PIN (KV)	HBM ESD BUS PIN (KV)	Operating Voltage Range (V)	VIO Voltage Range (V)	Junction Temp Range (°C)	Package
CA-IF1051HS	N	N	5	-30~30	-70~70	4	6	4.5~5.5	/	-55~150	SOIC8
CA-IF1051S	N	N	5	-30~30	-58~58	4	8	4.5~5.5	/	-55~150	SOIC8
CA-IF1051VS	Y	N	5	-30~30	-58~58	4	8	4.5~5.5	2.5~5.5	-55~150	SOIC8
CA-IF4420S	Y	N	5	-30~30	-58~58	4	35	4.5~5.5	1.8~5.5	-55~150	SOIC8

Chipanalog CA-IF48XX Selection Table-Standard RS-485/RS-422 Transceivers

Part Number	Number of Nodes on Bus	Operation Mode	Data Rate (Mbps)	common mode range (V)	Fault protection (V)	HBM ESD Ohter PIN (±KV)	HBM ESD Bus Pin (±KV)	Operating Voltage Range (V)	Temperature Range (°C)	Package
CA-IF4888HS	256	Half Duplex	0.5	-15~15	-30~30	6	30	3~5.5	-40~125	SOIC8
CA-IF4805HS	256	Half Duplex	0.5	-15~15	-30~30	6	30	3~5.5	-40~125	SOIC8
CA-IF4805FS	256	Full Duplex	0.5	-15~15	-30~30	6	15	3~5.5	-40~125	SOIC8
CA-IF4820HS	256	Half Duplex	20	-15~15	-30~30	6	30	3~5.5	-40~125	SOIC8
CA-IF4820FS	256	Full Duplex	20	-15~15	-30~30	6	15	3~5.5	-40~125	SOIC8
CA-IF4850HS	256	Half Duplex	50	-15~15	-30~30	6	30	3~5.5	-40~125	SOIC8
CA-IF4850FS	256	Full Duplex	50	-15~15	-30~30	6	15	3~5.5	-40~125	SOIC8
CA-IF4805HM	256	Half Duplex	0.5	-15~15	-30~30	6	30	3~5.5	-40~125	MSOP8
CA-IF4805FM	256	Half Duplex	0.5	-15~15	-30~30	6	15	3~5.5	-40~125	MSOP8
CA-IF4820HM	256	Half Duplex	20	-15~15	-30~30	6	30	3~5.5	-40~125	MSOP8
CA-IF4820FM	256	Half Duplex	20	-15~15	-30~30	6	15	3~5.5	-40~125	MSOP8
CA-IF4850HM	256	Half Duplex	50	-15~15	-30~30	6	30	3~5.5	-40~125	MSOP8
CA-IF4850FM	256	Half Duplex	50	-15~15	-30~30	6	15	3~5.5	-40~125	MSOP8
CA-IF4805HD	256	Half Duplex	0.5	-15~15	-30~30	6	30	3~5.5	-40~125	DFN8
CA-IF4805FD	256	Half Duplex	0.5	-15~15	-30~30	6	15	3~5.5	-40~125	DFN8
CA-IF4820HD	256	Half Duplex	20	-15~15	-30~30	6	30	3~5.5	-40~125	DFN8
CA-IF4820FD	256	Half Duplex	20	-15~15	-30~30	6	15	3~5.5	-40~125	DFN8
CA-IF4850HD	256	Half Duplex	50	-15~15	-30~30	6	30	3~5.5	-40~125	DFN8
CA-IF4850FD	256	Half Duplex	50	-15~15	-30~30	6	15	3~5.5	-40~125	DFN8

Chipanalog CA-IF4220 selection table-Standard RS-422 Transceivers

Part Number	Number of Nodes on Bus	Operation Mode	Data Rate (Mbps)	common mode range (V)	Fault protection (V)	HBM ESD Ohter PIN (±KV)	HBM ESD Bus Pin (±KV)	Operating Voltage Range (V)	Temperature Range (°C)	Package
CA-IF4220NF	256	Full Duplex	20	-15~15	-30~30	6	15	3~5.5	-40~125	SOIC8

Chipanalog CS485XX selection table-Standard RS-485Transceivers

Part Number	Number of Nodes on Bus	Operation Mode	Data Rate (Mbps)	common mode range (V)	HBM ESD Ohter PIN (±KV)	HBM ESD Bus Pin (±KV)	Operating Voltage Range (V)	Temperature Range (°C)	Package
CS485S	50	Half Duplex	0.25	-7~12	8	18	3~5.5	-40~125	SOIC8
CS485M	50	Half Duplex	0.25	-7~12	8	18	3~5.5	-40~125	MSOP8
CS48505S	64	Half Duplex	0.5	-7~12	8	20	3~5.5	-40~125	SOIC8
CS48520S	64	Half Duplex	20	-7~12	8	20	3~5.5	-40~125	SOIC8
CS48505M	64	Half Duplex	0.5	-7~12	8	20	3~5.5	-40~125	MSOP8

Part Number	Number of Nodes on Bus	Operation Mode	Data Rate (Mbps)	common mode range (V)	HBM ESD Ohter PIN (±KV)	HBM ESD Bus Pin (±KV)	Operating Voltage Range (V)	Temperature Range (°C)	Package
CS48520M	64	Half Duplex	20	-7~12	8	20	3~5.5	-40~125	MSOP8
CS48505D	64	Half Duplex	0.5	-7~12	8	20	3~5.5	-40~125	DFN8
CS48520D	64	Half Duplex	20	-7~12	8	20	3~5.5	-40~125	DFN8
CS48505AS	256	Half Duplex	0.5	-7~12	8	20	3~5.5	-40~125	SOIC8
CS48520AS	256	Half Duplex	20	-7~12	8	20	3~5.5	-40~125	SOIC8
CS48505AM	256	Half Duplex	0.5	-7~12	8	20	3~5.5	-40~125	MSOP8
CS48520AM	256	Half Duplex	20	-7~12	8	20	3~5.5	-40~125	MSOP8
CS48505AD	256	Half Duplex	0.5	-7~12	8	20	3~5.5	-40~125	DFN8 3x3
CS48520AD	256	Half Duplex	20	-7~12	8	20	3~5.5	-40~125	DFN8 3x3

Chipanalog CA-IF4023 Selection Table-AISG Antenna Interface Transceiver

art Number	Features	RX passband (MHz)	RX threshold (dBm)	TX frequency (MHz)	TXOUT Power (dBm)	TXOUT Impedance (DC,ohm)	Operating Voltage Range (V)	Temperature Range (°C)	Package
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 3mm*3mm

Chipanalog CA-IF428X selection table-Homebus

t Number	Features	Data Rate (kbps)	Bus polarity detection	Bus receive tthreshold voltage built-in	Whether the delay time of dynamic terminal resistance is adjustable	Data Input Timeout Detection	Operating Voltage Range (V)	Temperature Range (°C)	Package
CA-IF4288	The power and data are carried on a single pair of wires	9.6~200	No	No	No （34us）	21ms	4.5~5.5	-40~105	QFN24 4mm*4mm
CA-IF4289	The power and data are carried on a single pair of wires	9.6~200	Yes	Yes	Yes （34us）	21ms	4.5~5.5	-40~105	QFN24 4mm*4mm