

ON SEMICONDUCTOR Analog ICs

RoHS Compliant This product is RoHS compliant.

ON Semiconductor®



Analog ICs

INTERFACES

Data Transmitters

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.		Package Type	No. Drivers	No. Receivers	Vcc Max (V)	tPLH Max (us)	IO Max (μA)	I _{IH} Max (mA)	Price Each		
Mfr.	Mfr. Part No.								1	25	100
Industrial HART-Protocol Modem											
863	A5191HRTLQ-XTD	LQFP-32	1	1	5.5	0.02	670	0.0005	17.78	17.33	15.96
863	A5191HRTPG-XTD	PLCC-28	1	1	5.5	0.02	670	0.0005	16.89	16.45	15.15
LIN Transceivers											
863	AMIS30600LINI1G	SOIC-8	1	1	18	50	40000	0.7	1.46	1.43	1.42
863	AMIS30600LINI1RG	SOIC-8	1	1	18	50	40000	0.7	1.46	1.43	1.42
Fieldbus Physical Layer Medium Access Unit											
863	AMIS-49200-XTD	LQFP-44	1	1	6.2	4.7	30000	0.001	26.87	26.18	22.04
863	AMIS-49250-XTD	LQFP-44	1	1	4.75	-1	- - -	1	24.12	20.67	18.32
CAN High-Speed Transceivers											
863	AMIS30660CANH2G	SOIC-8	1	1	5.25	1	45000	8	2.73	2.52	2.16
863	AMIS30660CANH2RG	SOIC-8	1	1	5.25	1	45000	8	2.73	2.43	2.16
863	AMIS30663CANG2G	SOIC-8	1	1	5.25	1	45000	8	2.73	2.52	2.16
High-Speed Low Power CAN Transceiver											
863	AMIS42665TJAA1G	SOIC-14	1	1	5.25	1	45000	8	2.34	2.28	2.27
863	AMIS42665TJAA1RG	SOIC-14	1	1	5.25	1	45000	8	2.34	2.28	2.27
863	AMIS42675ICAA1RG	SOIC-8	1	1	5.25	1	45000	8	1.49	1.45	1.44
Low Power RF Transceiver, 350-448 MHz, CDR											
863	AMIS-52150-XTD	SSOP-16	1	1	3.6	100	1000	0.001	9.17	8.93	8.88
Fault Tolerant CAN Transceiver											
863	AMIS41682CANM1RG	SOIC-14	1	1	5.25	8	45000	6.3	3.12	3.04	3.02
863	AMIS41682CANM1G	SOIC-14	1	1	5.25	8	45000	6.3	3.12	3.04	3.02
863	AMIS41683CANM1G	SOIC-14	1	1	5.25	8	45000	6.3	3.12	3.04	3.02
High-Speed CAN Transceiver for Long Networks											
863	AMIS42673ICAG1RG	SOIC-8	1	1	5.25	1	45000	8	1.33	1.29	1.29
863	AMIS42671ICAB1RG	SOIC-8	1	1	5.25	1	45000	8	1.34	1.30	1.30
Dual High-Speed CAN Transceiver for Long Networks											
863	AMIS42770ICAW1RG	SOIC-20	1	1	5.25	1	45000	19.5	7.51	7.32	7.28

DATA TRANSMITTERS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.		Package Type	No. Drivers	Vcc Max (V)	VBR(DSS) Max (V)	I _D Max (A)	R _{DS(on)} Max (Ω)	T _j Max (°C)	Price Each		
Mfr.	Mfr. Part No.								1	25	100
Octal High Side Driver with Protection											
863	AMIS39101PNP4RG	SOIC-28	6	6.3	35	-	1	175	7.31	6.77	5.32

CLOCK MANAGERS

PLL Voltage Controlled Oscillators

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.		Package Type	Description	F _{Max} Typ (MHz)	V _{cc} Max (V)	Duty Cycle (%)	Price Each		
Mfr.	Mfr. Part No.						1	25	100
863	FS6128-04G-XTD	SOIC-14	VCXO Clock Generator	27	3.6	50	3.84	3.74	3.72
863	FS6128-07-XTD	SOIC-14	VCXO Clock Generator	27	3.6	50	4.15	4.05	4.03
863	FS6131-01G-XTD	SOIC-14	I2C Programmable 1-PLL Clock	230	5.5	50	5.71	5.51	5.23
863	FS6131-01I-XTD	SOIC-14	I2C Programmable 1-PLL Clock	230	5.5	50	11.31	11.02	10.96
863	FS6370-01G-XTD	SOIC-14	EE Programmable 3-PLL Clock	150	5.5	50	6.63	6.46	6.43
863	FS6377-01G-XTD	SOIC-14	I2C Programmable 3-PLL Clock	150	5.5	50	3.96	3.86	3.84
863	FS6377-01IG-XTD	SOIC-14	I2C Programmable 3-PLL Clock	150	5.5	50	9.81	9.56	8.80
863	FS7140-01G-XTD	SOIC-14	I2C Programmable 1-PLL Clock, 3.3V	300	3.6	50	5.60	5.45	5.42
863	FS7140-02G-XTD	SSOP-16	I2C Programmable 1-PLL Clock, 3.3V	300	3.6	50	5.85	5.70	5.67
863	FS7145-01-XTD	SOIC-14	I2C Programmable 1-PLL Clock, 3.3V	300	3.6	50	5.32	5.19	5.16

SRAM MEMORY

Parallel SRAM

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.		Description	T _{ACC} Max (ns)	V _{cc} Max (V)	I _{standby} Typ (μA)	I _{act} Max (μA)	Price Each		
Mfr.	Mfr. Part No.						1	25	100
863	N01L63W2AT25I	1Mb, 3V Low Power SRAM	55	3.6	2	20	2.40	2.34	2.16
863	N01L63W3AT25I	1Mb, 3V Low Power SRAM	55	3.6	2	20	2.40	2.34	2.32
863	N01L83W2AT25I	1Mb, 3V Low Power SRAM	55	3.6	2	20	1.99	1.94	1.93
863	N02L63W3AB25I	2Mb, 3V Low Power SRAM	55	3.6	2	20	3.35	3.27	3.25
863	N02L63W3AT25I	2Mb, 3V Low Power SRAM	55	3.6	2	20	3.08	3.00	2.99
863	N02L83W2AT25I	2Mb, 3V Low Power SRAM	55	3.6	2	20	2.69	2.62	2.61
863	N04L63W1AT27I	4Mb, 3V Low Power SRAM	70	3.6	4	20	5.21	5.07	5.05
863	N04L63W2AB27I	4Mb, 3V Low Power SRAM	70	3.6	4	20	5.48	5.34	5.31
863	N04L63W2AT27I	4Mb, 3V Low Power SRAM	70	3.6	4	20	5.21	5.07	5.05
863	N08L63W2AB27I	8Mb, 3V Low Power SRAM	70	3.6	4	20	8.89	8.66	8.62

Serial SRAM

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.		Description	F _{cycle} Max (MHz)	V _{cc} Max (V)	I _{standby} Typ (μA)	Price Each		
Mfr.	Mfr. Part No.					1	25	100
863	N25S818HAS21I	256kb, 1.8V Serial SRAM	16	1.95	0.2	2.42	2.36	2.34
863	N25S818HAT21I	256kb, 1.8V Serial SRAM	16	1.95	0.2	2.42	2.36	2.34
863	N25S830HAS22I	256kb, 3V Serial SRAM	20	3.6	1	2.42	2.36	2.34
863	N25S830HAT22I	256kb, 3V Serial SRAM	20	3.6	1	2.42	2.36	2.34
863	N64S830HAS22I	64kb, 3V Serial SRAM	20	3.6	1	2.09	2.03	2.02
863	N64S830HAT22I	64kb, 3V Serial SRAM	20	3.6	1	2.09	2.03	2.02

