

ON SEMICONDUCTOR Analog ICs

RoHS Compliant This product is RoHS compliant.

ON Semiconductor®

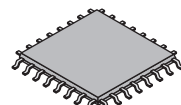
ON

ON SEMICONDUCTOR INTERFACES

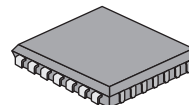
Data Transmitters

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	No. Drivers	No. Receivers	Vcc Max (V)	tPLH Max (us)	I _O Max (mA)	I _{IH} Max (mA)	Price Each		
Mfr.	Mfr. Part No.								1	25	100
Industrial HART-Protocol Modems											
863	A5191HRTL-G-XTD	LQFP-32	1	1	5.5	0.02	.67	0.0005	11.48	9.65	8.09
863	A5191HRTPG-XTD	PLCC-28	1	1	5.5	0.02	.67	0.0005	11.48	9.65	8.87
CAN High-Speed Transceivers											
863	AMIS30660CANH2G	SOIC-8	1	1	5.25	1	45	8	1.58	1.30	1.15
863	AMIS30663CANG2G	SOIC-8	1	1	5.25	1	45	8	1.58	1.30	1.15
High-Speed Low Power CAN Transceivers											
863	AMIS42665TJAA1G	SOIC-14	1	1	5.25	1	45	8	1.95	1.62	1.43
863	AMIS42675ICAA1RG	SOIC-8	1	1	5.25	1	45	8	1.48	1.04	.916
Fault Tolerant CAN Transceiver											
863	AMIS41682CANM1G	SOIC-14	1	1	5.25	8	45	6.3	2.95	2.37	2.13
High-Speed CAN Transceiver for Long Networks											
863	AMIS42673ICAG1RG	SOIC-8	1	1	5.25	1	45	8	1.48	1.17	1.09
863	AMIS42671ICAB1RG	SOIC-8	1	1	5.25	1	45	8	1.48	1.04	.916
Dual High-Speed CAN Transceiver for Long Network											
863	AMIS42770ICAW1RG	SOIC-20	1	1	5.25	1	45	19.5	7.02	5.73	5.14
863	AMIS42700WCGA4H	SOIC-20	1	1	7	-	15	0.005	7.85	6.23	5.31



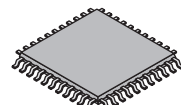
LQFP-32



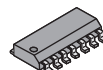
PLCC-28



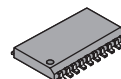
SOIC-8



LQFP-44



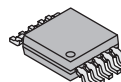
SOIC-14



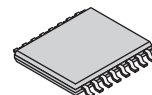
SOIC-20



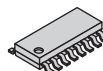
TDFN-8



MSOP-10



QSOP-16



SSOP-16



TSSOP-8

ON SEMICONDUCTOR MOSFET DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	No. Drivers	Vcc Max (V)	Drive Source/Sink Typ. (mA)	Rise Time (ns)	Fall Time (ns)	Propagation Delay Time Max (ns)	Price Each		
Mfr.	Mfr. Part No.								1	25	100
863	ADP3419JRMZ-REEL	MSOP-10	2	6	1000/1000	14	11	70	.92	.71	.63

ON SEMICONDUCTOR TEMPERATURE MONITORS

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	V _{DD}		I _{CC} Max. (mA)	Sensor Accuracy (°C)		Serial Interface	Price Each		
Mfr.	Mfr. Part No.		Min. (V)	Max. (V)		Max.	Typ.		1	25	100
863	NCT75DMR2G	Micro8	3.0	5.5	0.575	±3	±1	SMB	.71	.697	.661
863	NCT75DR2G	SOIC-8	3.0	5.5	0.575	±3	±1	SMB	.71	.697	.661
863	CAT6095VP2-GT4	TDFN-8	3.3	3.3	.2	±3	±1	I2C/SMBus	1.20	1.08	.96
863	ADT7475ARQZ-RL7	QSOP-16	3.0	3.6	3	2.5	0.5	SMB	3.50	3.40	3.23
863	ADT7481ARMZ-R7	MSOP-10	3.0	3.6	4	2.5	1	SMB	5.00	4.87	4.61

ON SEMICONDUCTOR CLOCK MANAGERS

PRODUCT NEW

PLL Voltage Controlled Oscillators

For quantities greater than listed, 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	NBVSBA018LNHTAG	CLCC-6	LVPECL PureEdge VCO Module	155.52	2.5-3.3	50	14.50	13.77	12.32
863	NBVSBA024LNHTAG	CLCC-6	LVPECL PureEdge VCO Module	622.08	2.5-3.3	50	14.50	13.77	12.32
863	NBVSPA018LNHTAG	CLCC-6	LVDS PureEdge VCO Module	155.5	2.5-3.3	50	14.00	13.85	11.90
863	NBVSBA011LNHTAG	CLCC-6	LVPECL Crystal Oscillator	122.88	3.3	50	14.50	13.92	13.41
863	NBVSBA026LNHTAG	CLCC-6	LVPECL Crystal Oscillator	644.53	3.3	50	14.50	13.92	13.41
863	NBVSPA015LNHTAG	CLCC-6	LVDS Crystal Oscillator	200	3.3	50	14.50	13.92	13.41
863	NBVSPA024LNHTAG	CLCC-6	LVDS Crystal Oscillator	160	3.3	50	14.50	13.92	13.41
863	FS6370-01G-XTD	SOIC-14	EE Programmable 3-PLL Clock	150	5.5	50	8.23	6.97	6.26
863	NBXDPA019LNHTAG	CLCC-6	LVDS Clock Oscillator	250	4.6	-	8.77	8.32	7.87
863	NB7L572MMG	QFN-32 EP	4:1 Clock/Data input multiplexer and 1:2 LVPECL Clock/Data fanout buffer	7000	3.6	50	14.00	13.65	12.95
863	NB2305A11DR2G	SOIC-8	1.5 Zero Delay Clock Buffer	133	3.6	50	1.34	1.13	.885
863	FS7140-01G-XTD	SOIC-14	I2C Programmable 1-PLL Clock, 3.3V	300	3.6	50	5.60	5.45	5.28
863	FS7140-02G-XTD	SSOP-16	I2C Programmable 1-PLL Clock, 3.3V	300	3.6	50	5.85	5.70	5.55
863	FS7145-01-XTD	SOIC-16	I2C Programmable 1-PLL Clock, 3.3V	300	3.6	50	6.83	5.59	5.03
863	P2782AF-08SR	SOIC-8	2x Low EMI Spread Spectrum Clock	156	3.6	50	3.60	2.94	2.60
863	PCS3P7303AG-08CR	DFN-8	1x, LVCMOS Peak EMI Reduction	70	2.5	50	2.55	2.08	1.84

ON SEMICONDUCTOR SRAM MEMORY

Parallel SRAM

For quantities greater than listed, 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	N02L63W3AB25I	2Mb, 3V Low Power SRAM	55	3.6	2	20	3.35	3.27	3.25

Serial SRAM

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	Description	F _{cycle} Max (MHz)	V _{CC} Max (V)	I _{standby} Typ. (μA)	Price Each		
Mfr.	Mfr. Part No.						1	25	100
863	N25S818HAT21I	TSSOP-8	256kb, 1.8V Serial SRAM	16	1.95	0.2	2.42	2.36	2.34
863	N25S830HAS22I	SOIC-8	256kb, 3V Serial SRAM	20	3.6	1	2.40	2.36	2.34
863	N25S830HAT22I	TSSOP-8	256kb, 3V Serial SRAM	20	3.6	1	2.42	2.36	2.34
863	N64S830HAS22I	SOIC-8	64kb, 3V Serial SRAM	20	3.6	1	2.09	2.03	2.02
863	N64S830HAT22I	TSSOP-8	64kb, 3V Serial SRAM	20	3.6	1	2.09	2.03	2.02

Analog ICs

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