

FAIRCHILD Interface

Products may be RoHS compliant.
Check mouser.com for RoHS status.



Analog ICs

Fairchild Semiconductor

COMPARATORS

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	Supply Voltage (V)	Voltage Gain Typ. (V/mV)	Supply Current Typ. (mA)	Input Offset Voltage Max (mV)	Input Offset Current Max (nA)	Input Bias Current Max (nA)	Response Time (ns)	Price Each			
										1	25	100	250
◆ 512-LM2901M	LM2901M	SOP-14	18 - 36	100	2	7	50	250	1400	.35	.30	.275	.24
◆ 512-LM2901MX	LM2901MX	SOP-14	18 - 36	100	2	7	50	250	1400	.34	.29	.25	.24
512-LM2901N	LM2901N	DIP-14	18 - 36	100	2	7	50	250	1400	.36	.285	.247	.18
◆ 512-LM2903M	LM2903M	SOP-8	18 - 36	100	0.6	7	50	250	1500	.23	.19	.162	.155
◆ 512-LM2903MX	LM2903MX	SOIC-8	18 - 36	100	0.6	7	50	250	1500	.22	.19	.171	.155
512-LM2903N	LM2903N	DIP-8	18 - 36	100	0.6	7	50	250	1500	.24	.199	.165	.157
512-KA339	KA339	DIP-14	18 - 36	200	1.1	5	50	250	1400	.52	.47	.411	.279
512-KA339A	KA339A	DIP-14	18 - 36	200	1.1	2	50	250	1400	.41	.36	.316	.213
512-KA393	KA393	DIP-8	18 - 36	200	0.6	5	50	250	1400	.33	.285	.251	.171
512-KA393A	KA393A	DIP-8	18 - 36	200	0.6	5	50	250	1400	.40	.352	.314	.20
◆ 512-LM339AM	LM339AM	SOP-14	18 - 36	200	2	5	50	250	1400	.35	.30	.275	.24
◆ 512-LM339AMX	LM339AMX	SOP-14	18 - 36	200	2	5	50	250	1400	.35	.30	.27	.24
512-LM339AN	LM339AN	DIP-14	18 - 36	200	2	5	50	250	1400	.37	.29	.257	.188
◆ 512-LM339M	LM339M	SOP-14	18 - 36	200	2	5	50	250	1400	.38	.30	.27	.204
512-LM339N	LM339N	DIP-14	18 - 36	200	2	5	50	250	1400	.41	.33	.289	.227
◆ 512-LM393AM	LM393AM	SOP-8	18 - 36	200	0.6	5	50	250	1400	.20	.161	.152	.131
◆ 512-LM393AN	LM393AN	DIP-8	18 - 36	200	0.6	5	50	250	1400	.32	.238	.208	.154
◆ 512-LM393M	LM393M	SOP-8	18 - 36	200	0.6	5	50	250	1400	.22	.19	.161	.152
◆ 512-LM393MX	LM393MX	SOIC-8	18 - 36	200	0.6	5	50	250	1400	.31	.247	.211	.144
512-LM393N	LM393N	DIP-8	18 - 36	200	0.6	5	50	250	1400	.28	.25	.245	.165
512-KA319	KA319	DIP-14	36	40	3.6	8	200	1000	80	.43	.37	.329	.224
◆ 512-LM319M	LM319M	SOP-14	36	40	3.6	8	200	1000	80	.31	.26	.254	.244
512-LM319N	LM319N	DIP-14	36	40	3.6	8	200	1000	80	.39	.33	.318	.302

LVDS ANALOG INTERFACE

◆ Surface Mount Device

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MOUSER STOCK NO.	Fairchild Part No.	Package	Function	No. of Bits	Max. Speed	Supply Voltage	Price Each			
							1	25	100	250
◆ 512-FIN1002M5X	FIN1002M5X	SOT-23	Receiver	1	400Mbps	3.3V	.77	.59	.472	.46
◆ 512-FIN1049MTCX	FIN1049MTCX	TSSOP-16	Transceiver	2+2	400Mbps	3.3V	1.91	1.52	1.18	1.15
◆ 512-FIN1101K8X	FIN1101K8X	US-8	Repeater	1	1600Mbps	3.3V	1.43	1.14	.855	.85
◆ 512-FIN1101M	FIN1101M	SOIC-8	Repeater	1	1600Mbps	3.3V	1.48	1.10	.99	.77
512-FIN1108MTD	FIN1108MTD	TSSOP-48	Repeater	8	1800Mbps	3.3V	4.39	3.51	2.73	2.59

ANALOG SWITCHES

◆ Surface Mount Device

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MOUSER STOCK NO.	Fairchild Part No.	Package	Configuration	No. of Switches	On Resistance (Ω)	Vcc	Bandwidth (MHz)	C _{on} (pF)	Price Each		
									1	25	100
◆ 512-FSA1156P6X	FSA1156P6X	SC70-6	1x SPST(NO)	1	9	1.65V-5.5V	350	65	.54	.50	.382
◆ 512-FSA1157P6X	FSA1157P6X	SC70-6	1x SPST(NC)	1	0.75	1.65V-5.5V	350	65	.55	.50	.382
◆ 512-FSA1256AL8X	FSA1256AL8X	MicroPak-8	SPST (NO)	2	0.95	2.7V-5.5V	300	27	.75	.69	.625
◆ 512-FSA1256L8X	FSA1256L8X	MicroPak-8	2x SPST(NO)	2	0.95	1.65V-5.5V	300	27	.81	.74	.675
◆ 512-FSA1257AL8X	FSA1257AL8X	MicroPak-8	2x SPST(NC)	2	0.95	1.65V-5.5V	300	27	.72	.66	.60
◆ 512-FSA2257L10X	FSA2257L10X	MicroPak-10	2x SPDT	2	0.95	1.65V-5.5V	350	40	.70	.67	.54
◆ 512-FSA2467MPX	FSA2467MPX	MLP-16	SPDT (NO)	4	0.4	1.65V-4.3V	45	118	.90	.75	.60
◆ 512-FSA266K8X	FSA266K8X	US8-8	2x SPST(NO)	2	6	1.65V-5.5V	300	10	.73	.67	.66
◆ 512-FSA266L8X	FSA266L8X	MicroPak-8	2x SPST(NO)	2	6	1.65V-5.5V	300	10	.72	.66	.609
◆ 512-FSA3157P6X	FSA3157P6X	SC70-6	1x SPDT	1	5	1.65V-5.5V	250	19	.37	.295	.205
◆ 512-FSA3357K8X	FSA3357K8X	US8-8	1x SP3T (NO/NC)	1	5	1.65V-5.5V	250	14.5	.75	.625	.50
◆ 512-FSA4157P6X	FSA4157P6X	SC70-6	1x SPDT	1	0.95	1.65V-5.5V	350	40	.41	.37	.281
◆ 512-FSA4159P6X	FSA4159P6X	SC70-6	SPDT	1	1	1.65V-5.5V	180	41	.70	.57	.42
◆ 512-FSA5157P6X	FSA5157P6X	SC70-6	SPDT (NO)	1	0.35	1.65V-3.6V	45	90	.53	.47	.441
◆ 512-FSA66P5X	FSA66P5X	SC70-5	SPST (NO)	1	5	1.65V-5.5V	250	6	.20	.19	.161
◆ 512-FSAL200QSCX	FSAL200QSCX	QSOP-16	Quad 2:1 LAN Switch	2	6	-5V-7.0V	300	15	.99	.96	.777
◆ 512-FSUSB11L10X	FSUSB11L10X	MicroPak-10	1x (SPDT) USB, FS	1	1	1.65V-5.5V	350	40	1.07	1.02	.82
◆ 512-FSUSB11MTCX	FSUSB11MTCX	TSSOP-16	1x (SPDT) USB, FS	1	1	1.65V-5.5V	350	40	1.23	1.14	1.03
◆ 512-FSUSB20L10X	FSUSB20L10X	MicroPak-10	1x (DPDT) USB, HS	1	5	3.0V-3.6V	800	12	1.50	1.38	1.25
◆ 512-FSUSB22MTCX	FSUSB22MTCX	TSSOP-16	2x (4PDT) USB, HS	2	5	3.0V-6.0V	750	12	1.50	1.38	1.25
◆ 512-FSUSB23L10X	FSUSB23L10X	MicroPak-10	1x (DPDT) USB, HS	1	5	3.0V-3.6V	800	9	1.50	1.38	1.25
◆ 512-FSUSB30BQX	FSUSB30BQX	DQFN-16	1x (DPDT) USB, HS	1	6.5	3.0V-4.3V	720	5	1.41	1.29	1.18
◆ 512-FSUSB31K8X	FSUSB31K8X	US8-8	1x (DPST) USB, HS	1	6.5	3.0V-4.3V	720	5	1.27	1.01	.761
◆ 512-NC7SZ66L6X	NC7SZ66L6X	MicroPak-6	1x SPST (NO)	1	5	1.65V-5.5V	-	6	.47	.38	.285

ANALOG TIMERS

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	Supply Voltage		Control Voltage at Vcc 5V		Threshold Voltage at Vcc 5V		Trigger Voltage at Vcc 5V		Operating Temp. (°C)	Contact Form	Price Each		
			Max (V)	Min (V)	Max (V)	Min (V)	Max (V)	Min (V)	Max (V)	Min (V)			1	25	100
◆ 512-LM555CM	LM555CM	SOIC-8	16	4.5	4	2.6	3.3	3.3	2.2	1.1	0 ~ +70	SPST, Normally Clsd	.34	.257	.224
512-LM555CN	LM555CN	DIP-8	16	4.5	4	2.6	3.3	3.3	2.2	1.1	0 ~ +70	SPST, Normally Clsd	.31	.209	.201
512-LM556CN	LM556CN	DIP-14	16	4.5	4	2.6	4.2	2.4	2.2	1.1	0 ~ +70	Quad	.53	.34	.329