

# FAIRCHILD Interface

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

**FAIRCHILD**  
SEMICONDUCTOR

## COMPARATORS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package Type	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
<b>Dual</b>													
◆ 512-KA319	KA319	DIP-14	36	40	3.6	8	200	1000	80	.45	.38	.345	.235
◆ 512-KA319D	KA319D	SOP-14	36	40	3.6	8	200	1000	80	.49	.43	.381	.252
◆ 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	2	50	250	1400	.42	.36	.329	.21
◆ 512-LM2903M	LM2903M	SOP-8	18 - 36	100	0.6	7	50	250	1500	.24	.19	.17	.162
◆ 512-LM2903MX	LM2903MX	SOIC-8	18 - 36	100	0.6	7	50	250	1500	.44	.289	.237	.197
◆ 512-LM2903N	LM2903N	DIP-8	18 - 36	100	0.6	7	50	250	1500	.42	.275	.224	.185
◆ 512-LM319M	LM319M	SOP-14	36	40	3.6	8	200	1000	80	.32	.27	.266	.256
◆ 512-LM319MX	LM319MX	SOP-14	36	40	3.6	8	200	1000	80	.62	.432	.37	.32
◆ 512-LM319N	LM319N	DIP-14	36	40	3.6	8	200	1000	80	.38	.34	.333	.195
◆ 512-LM393AM	LM393AM	SOP-8	18 - 36	200	0.6	2	50	250	1400	.20	.161	.152	.131
◆ 512-LM393AMX	LM393AMX	SOP-8	18 - 36	200	0.6	2	50	250	1400	.20	.16	.152	.131
◆ 512-LM393AN	LM393AN	DIP-8	18 - 36	200	0.6	2	50	250	1400	.33	.25	.218	.161
◆ 512-LM393M	LM393M	SOP-8	18 - 36	200	0.6	5	50	250	1400	.40	.262	.213	.176
◆ 512-LM393MX	LM393MX	SOIC-8	18 - 36	200	0.6	5	50	250	1400	.61	.358	.289	.208
◆ 512-LM393N	LM393N	DIP-8	18 - 36	200	0.6	5	50	250	1400	.28	.25	.217	.165
<b>Quad</b>													
◆ 512-KA339	KA339	DIP-14	18 - 36	200	1.1	5	50	250	1300	.54	.49	.431	.292
◆ 512-KA339A	KA339A	DIP-14	18 - 36	200	1.1	2	50	250	1300	.43	.37	.331	.223
◆ 512-LM2901M	LM2901M	SOP-14	18 - 36	100	1.1	7	50	250	1300	.33	.262	.241	.215
◆ 512-LM2901MX	LM2901MX	SOP-14	18 - 36	100	1.1	7	50	250	1300	.34	.29	.25	.24
◆ 512-LM2901N	LM2901N	DIP-14	18 - 36	100	1.1	7	50	250	1300	.46	.342	.293	.254
◆ 512-LM339AM	LM339AM	SOP-14	18 - 36	200	1.1	2	50	250	1400	.35	.30	.275	.24
◆ 512-LM339AMX	LM339AMX	SOP-14	18 - 36	200	1.1	2	50	250	1400	.35	.30	.27	.24
◆ 512-LM339AN	LM339AN	DIP-14	18 - 36	200	1.1	2	50	250	1400	.47	.345	.296	.256
◆ 512-LM339M	LM339M	SOP-14	18 - 36	200	1.1	5	50	250	1400	.55	.361	.294	.243
◆ 512-LM339MX	LM339MX	SOP-14	18 - 36	200	1.1	5	50	250	1300	.61	.399	.27	.204
◆ 512-LM339N	LM339N	DIP-14	18 - 36	200	1.1	5	50	250	1400	.38	.304	.28	.238

## ANALOG TIMERS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package Type	Supply Voltage (V)		Control Voltage at Vcc 5V (V)		Threshold Voltage at Vcc 5V (V)		Trigger Voltage at Vcc 5V (V)		Operating Temperature (°C)	Contact Form	Price Each		
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			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	.29	.209	.203
◆ 512-LM555CN	LM555CN	DIP-8	16	4.5	4	2.6	3.3	3.3	2.2	1.1	0 ~ +70	SPST, Normally Clsd	.18	.131	.128

## LVDS ANALOG INTERFACE

◆ Surface Mount Device

PRODUCT **NEW**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package Type	Function	No. of Bits	Max. Speed	Supply Voltage	Price Each			
							1	25	100	250
◆ 512-FIN1001M5X	FIN1001M5X	SOT-23	Line Driver	1	600Mbps	3.3V	1.01	.782	.69	.598
◆ 512-FIN1002M5X	FIN1002M5X	SOT-23	Receiver	1	400Mbps	3.3V	1.01	.782	.69	.598
◆ 512-FIN1019MX	FIN1019MX	SOIC-14	Transceiver	1+1	400Mbps	3.3V	1.48	1.18	.89	.83
◆ 512-FIN1031MX	FIN1031MX	SOIC-16	Line Driver	4	400Mbps	3.3V	2.56	1.97	1.78	1.60
◆ 512-FIN1032MX	FIN1032MX	SOIC-16	Receiver	4	400Mbps	3.3V	2.38	1.84	1.66	1.49
◆ 512-FIN1047MTCX	FIN1047MTCX	TSSOP-16	Flow-Through Driver	4	400Mbps	3.6V	1.94	1.73	1.56	1.39
◆ 512-FIN1048MX	FIN1048MX	SOIC-16	Receiver	4	400Mbps	3.3V	2.52	1.94	1.76	1.58
◆ 512-FIN1049MTCX	FIN1049MTCX	TSSOP-16	Transceiver	2+2	400Mbps	3.3V	2.77	2.13	1.93	1.73
◆ 512-FIN1101K8X	FIN1101K8X	US-8	Repeater	1	1600Mbps	3.3V	1.54	1.39	1.25	.969
◆ 512-FIN1108MTD	FIN1108MTD	TSSOP-48	Repeater	8	1800Mbps	3.3V	3.51	2.73	2.59	2.58
◆ 512-FIN3385MTDX	FIN3385MTDX	TSSOP-56	Serializer/Deserializer	28	2.38Gbps	3.3V	3.26	2.94	2.67	2.41

## ANALOG SWITCHES

◆ Surface Mount Device

PRODUCT **NEW**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package Type	Configuration	No. of Switches	On Resistance (Ω)	Vcc	Bandwidth (MHz)	C <sub>on</sub> (pF)	Price Each		
									1	25	100
◆ 512-FSA1156P6X	FSA1156P6X	SC-70-6	1x SPST (NO)	1	9	1.65V-5.5V	350	65	.75	.578	.51
◆ 512-FSA1157L6X	FSA1157L6X	MicroPak-6	SPST (NC)	1	0.75	1.65V-5.5V	300	65	.75	.578	.51
◆ 512-FSA1157P6X	FSA1157P6X	SC-70-6	1x SPST (NC)	1	0.75	1.65V-5.5V	350	65	.75	.578	.51
◆ 512-FSA1208BQX	FSA1208BQX	DQFN-20	SPST (NO)	8	7	3.0V-4.3V	500	6	2.05	1.58	1.43
◆ 512-FSA1256L8X	FSA1256L8X	MicroPak-8	SPST (NO)	2	0.95	2.7V-5.5V	300	27	.93	.71	.631
◆ 512-FSA1256L8X	FSA1256L8X	MicroPak-8	2x SPST (NO)	2	0.95	1.65V-5.5V	300	27	.81	.74	.675
◆ 512-FSA2147K8X	FSA2147K8X	US-8	DPST	2	3	2.7V-4.3V	-	-----	.95	.73	.646
◆ 512-FSA221MUX	FSA221MUX	MSOP-10	DPDT	1	3	3.0V-4.3V	720	-----	1.24	.98	.882
◆ 512-FSA2257L10X	FSA2257L10X	MicroPak-10	2x SPDT	2	0.95	1.65V-5.5V	350	40	.88	.697	.627
◆ 512-FSA2259UMX	FSA2259UMX	UMLP-10	SPDT (NO)	2	0.8	1.65V-4.3V	50	50	.68	.51	.39
◆ 512-FSA2267AMUX	FSA2267AMUX	MSOP-10	SPDT (NO)	2	0.35	2.3V-4.3V	45	126	1.44	1.14	1.02
◆ 512-FSA2268TUMX	FSA2268TUMX	UMLP-10	SPDT (NO)	2	0.4	1.65V-4.3V	50	120	.71	.63	.546
◆ 512-FSA2269L10X	FSA2269L10X	MicroPak-10	SPDT (NO)	2	0.4	1.65V-4.3V	50	120	1.06	.84	.756
◆ 512-FSA2380BQX	FSA2380BQX	DQFN-14	3x DP3T	1	0.75	-0.5V-6.0V	120	70	1.68	1.50	1.35
◆ 512-FSA2457UMX	FSA2457UMX	UMLP-16	DPDT	2	5	2.7V-3.6V	160	12	1.18	.93	.837
◆ 512-FSA2467MPX	FSA2467MPX	MLP-16	SPDT (NO)	4	0.4	1.65V-4.3V	45	118	1.14	.90	.81
◆ 512-FSA2567MPX	FSA2567MPX	MLP-16	4PDT	4	6	2.7V-4.3V	160	10	1.75	1.35	1.22
◆ 512-FSA266K8X	FSA266K8X	US-8	2x SPST (NO)	2	6	1.65V-5.5V	300	10	.58	.41	.349
◆ 512-FSA266L8X	FSA266L8X	MicroPak-8	2x SPST (NO)	2	6	1.65V-5.5V	300	10	.72	.53	.434
◆ 512-FSA3157P6X	FSA3157P6X	SC-70-6	1x SPDT	1	5	1.65V-5.5V	250	19	.46	.299	.245
◆ 512-FSA3357K8X	FSA3357K8X	US-8	1x SP3T (NO/NC)	5	5	1.65V-5.5V	250	14.5	.75	.675	.587
◆ 512-FSA4157L6X	FSA4157L6X	MicroPak-6	SPDT (NO)	1	1	1.65V-5.5V	350	40	.75	.578	.51
◆ 512-FSA4157P6X	FSA4157P6X	SC-70-6	1x SPDT	1	0.95	1.65V-5.5V	350	40	.69	.481	.412
◆ 512-FSA4159P6X	FSA4159P6X	SC-70-6	SPDT	1	1	1.65V-5.5V	180	41	.84	.646	.57
◆ 512-FSA5157P6X	FSA5157P6X	SC-70-6	SPDT (NO)	1	0.35	1.65V-3.6V	45	90	.51	.454	.42
◆ 512-FSA66P5X	FSA66P5X	SC-70-6	SPST (NO)	1	5	1.65V-5.5V	250	6	.54	.31	.254
◆ 512-FSA1200QSCX	FSA1200QSCX	QSOP-16	Quad 2:1 LAN Switch	2	6	-5.0V-7.0V	300	15	1.48	1.17	1.04
◆ 512-NC7SZ26L6X	NC7SZ26L6X	MicroPak-6	1x SPST (NO)	1	5	1.65V-5.5V	-	6	.33	.262	.197