

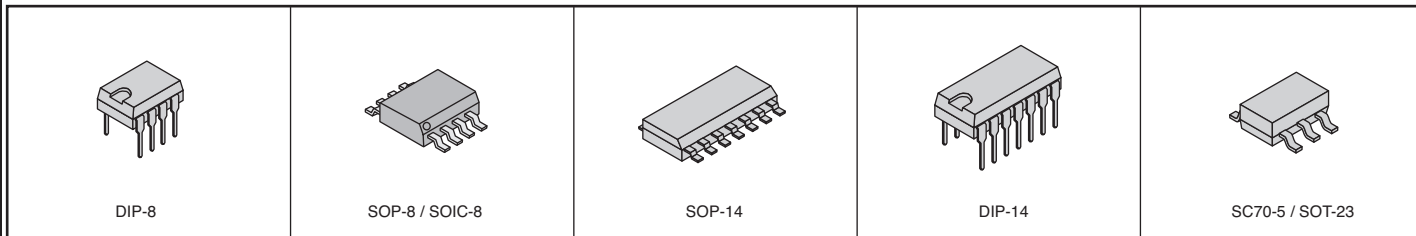
FAIRCHILD Operational Amplifiers



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

Amplifier ICs

Fairchild Semiconductor



FAIRCHILD STANDARD OPERATIONAL AMPS

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	No. of Amps	Supply Voltage (VCC)+/-	Input Offset Volt. Max	Input Offset Curr. Max	Input Bias Curr. Max	Supply Current Typ.	Volt. Gain Typical	Output Volt. Swing Typical		Slew Rate (V/μs)	Price Each			
										(V _{OL})	(V _{OH})		1	25	100	250
512-KA258	KA258	DIP-8	2	16/32V	5mV	30nA	150nA	0.5mA	100V/mV	5mV	28000mV	-	.47	.41	.363	.24
512-KA324A	KA324A	DIP-14	4	16/32V	7mV	50nA	250nA	0.7mA	100V/mV	5mV	28000mV	-	.42	.38	.335	.218
◆512-KA324ADTF	KA324ADTF	SOP-14	4	16/32V	3mV	30nA	100nA	1.5mA	100V/mV	5mV	28000mV	-	.47	.41	.34	.24
512-KA3403	KA3403	DIP-14	4	18/36V	10mV	50nA	200nA	2.3mA	200V/mV	-	13500mV	0.4	.59	.54	.45	.33
512-KA358A	KA358A	DIP-8	2	16/32V	3mV	30nA	100nA	0.8mA	100V/mV	5mV	28000mV	-	.40	.352	.314	.20
◆512-KA358ADTF	KA358ADTF	SOP-8	2	16/32V	7mV	50nA	250nA	0.8mA	100V/mV	5mV	28mV	-	.39	.342	.285	.20
512-KA4558	KA4558	DIP-8	2	22V	6mV	200nA	500nA	3.5mA	200V/mV	-	14000mV	1.2	.37	.333	.293	.19
◆512-KA4558DTF	KA4558DTF	SOIC-8	2	22V	6mV	200nA	500nA	3.5mA	200V/mV	-	14000mV	1.2	.34	.304	.171	.144
512-KA5532	KA5532	DIP-8	2	22V	4mV	150nA	800nA	6mA	2.2V/mV	-	-	8	.59	.51	.459	.302
512-L272AM	L272AM	DIP-8	2	40V	60mV	250nA	2500nA	7.5mA	-	-	23000mV	1	.65	.54	.48	.45
512-L272M	L272M	DIP-8	2	40V	60mV	250nA	2500nA	7.5mA	-	-	23000mV	1	.65	.54	.48	.45
◆512-LF347M	LF347M	SOP-14	4	18V	10mV	0.1nA	0.2nA	7.2mA	100V/mV	-	-	13	.56	.47	.41	.39
◆512-LF347MX	LF347MX	SOP-14	4	18V	10mV	0.1nA	0.05nA	7.2mA	100V/mV	-	13500mV	13	.56	.47	.41	.39
512-LF347N	LF347N	DIP-14	4	18V	10mV	0.1nA	0.2nA	7.2mA	100V/mV	-	-	13	.51	.428	.363	.268
◆512-LF353MX	LF353MX	SOIC-8	2	18V	10mV	0.1nA	0.2nA	3.6mA	100V/mV	-	-	13	.38	.32	.297	.286
512-LF353N	LF353N	DIP-8	2	18V	10mV	0.1nA	0.2nA	3.6mA	100V/mV	-	-	13	.45	.295	.272	.22
◆512-LM1458CMX	LM1458CMX	SOIC-8	2	18V	10mV	300nA	700nA	2.3mA	200V/mV	-	14000mV	0.5	.28	.231	.219	.208
◆512-LM1458MX	LM1458MX	SOIC-8	2	18V	6mV	200nA	500nA	2.3mA	200V/mV	-	14000mV	0.5	.28	.231	.219	.208
512-LM1458N	LM1458N	DIP-8	2	18V	6mV	200nA	500nA	2.3mA	200V/mV	-	14000mV	0.5	.40	.337	.295	.219
◆512-LM224M	LM224M	SOP-14	4	16/32V	5mV	30nA	150nA	0.7mA	100V/mV	5mV	28mV	-	.26	.228	.21	.183
512-LM224N	LM224N	DIP-14	4	16/32V	5mV	30nA	150nA	0.7mA	100V/mV	5mV	28mV	-	.26	.219	.213	.179
◆512-LM258AM	LM258AM	SOP-8	2	16/32V	5mV	30nA	150nA	0.8mA	100V/mV	5mV	28mV	-	.27	.228	.209	.18
512-LM258N	LM258N	DIP-8	2	16/32V	5mV	30nA	150nA	0.8mA	100V/mV	5mV	28000mV	-	.27	.228	.209	.18
◆512-LM2902M	LM2902M	SOP-14	4	13/26V	7mV	50nA	250nA	1mA	100V/mV	5mV	24mV	-	.26	.219	.203	.178
◆512-LM2902MX	LM2902MX	SOP-14	4	13/26V	7mV	50nA	250nA	0.7mA	100V/mV	5mV	24000mV	-	.26	.219	.203	.178
512-LM2902N	LM2902N	DIP-14	4	13/26V	7mV	50nA	250nA	0.7mA	100V/mV	5mV	24000mV	-	.34	.247	.235	.189
◆512-LM2904M	LM2904M	SOP-8	2	13/26V	7mV	50nA	250nA	0.8mA	100V/mV	5mV	24mV	-	.32	.275	.208	.156
◆512-LM2904MX	LM2904MX	SOP-8	2	13/26V	7mV	50nA	250nA	0.8mA	100V/mV	5mV	24mV	-	.20	.171	.159	.138
512-LM2904N	LM2904N	DIP-8	2	13/26V	7mV	50nA	250nA	0.5mA	100V/mV	5mV	24000mV	-	.37	.247	.209	.161
◆512-LM324AM	LM324AM	SOP-14	4	16/32V	7mV	50nA	250nA	1mA	100V/mV	5mV	28mV	-	.27	.238	.198	.158
◆512-LM324AMX	LM324AMX	SOP-14	4	16/32V	7mV	50nA	250nA	1mA	100V/mV	5mV	28mV	-	.27	.238	.217	.19
512-LM324AN	LM324AN	DIP-14	4	16/32V	3mV	30nA	100nA	0.7mA	100V/mV	5mV	28000mV	-	.40	.257	.209	.18
◆512-LM324M	LM324M	SOP-14	4	16/32V	7mV	50nA	250nA	1mA	100V/mV	5mV	28mV	-	.30	.256	.209	.161
◆512-LM324MX	LM324MX	SOP-14	4	16/32V	7mV	50nA	250nA	0.7mA	100V/mV	5mV	28000mV	-	.25	.209	.19	.164
512-LM324N	LM324N	DIP-14	4	16/32V	7mV	50nA	250nA	0.7mA	100V/mV	5mV	28000mV	-	.34	.266	.21	.153
◆512-LM358AM	LM358AM	SOP-8	2	16/32V	7mV	50nA	250nA	0.8mA	100V/mV	5mV	28mV	-	.35	.228	.198	.148
◆512-LM358AMX	LM358AMX	SOIC-8	2	16/32V	3mV	30nA	100nA	0.5mA	100V/mV	5mV	28000mV	-	.20	.161	.152	.131
512-LM358AN	LM358AN	DIP-8	2	16/32V	3mV	30nA	100nA	0.5mA	100V/mV	5mV	28000mV	-	.33	.285	.205	.154
◆512-LM358M	LM358M	SOP-8	2	16/32V	7mV	50nA	250nA	0.8mA	100V/mV	5mV	28mV	-	.31	.238	.19	.152
◆512-LM358MX	LM358MX	SOIC-8	2	16/32V	7mV	50nA	250nA	0.5mA	100V/mV	5mV	28000mV	-	.31	.228	.179	.135
512-LM358N	LM358N	DIP-8	2	16/32V	7mV	50nA	250nA	0.5mA	100V/mV	5mV	28000mV	-	.33	.285	.176	.14
◆512-LM741CM	LM741CM	SOP-8	1	18V	6mV	200nA	500nA	1.5mA	200V/mV	-	-	0.5	.27	.228	.199	.19
512-LM741CN	LM741CN	DIP-8	1	18V	6mV	200nA	500nA	1.5mA	200V/mV	-	-	0.5	.39	.256	.246	.192
◆512-NE5532DX	NE5532DX	SOP-8	2	22V	4mV	150nA	800nA	6mA	2.2V/mV	-	-	8	.51	.44	.396	.33
512-NE5532N	NE5532N	DIP-8	2	22V	4mV	150nA	800nA	6mA	2.2V/mV	-	-	8	.51	.44	.396	.30

FAIRCHILD HIGH PERFORMANCE OPERATIONAL AMPLIFIERS

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	Amps Per Pack	Power Down	Rail to Rail Input or Output	Typical Unity Gain Bandwidth MHz	Typical Supply Curr. per Amp (mA)	Typical Output Current (+/- mA)	Supply Voltage Max (V)	CMIR Max (V)	Output Swing (V)	Input Voltage Noise (nV/rtHz)	Typical Offset Voltage (mV)	Typical Input Bias Curr. (uA)	Slew Rate (V/μs)	Price Each			
																1	25	100	250
◆512-LMV321AP5X	LMV321AP5X	SC70-5	1	No	Output	1.4	0.1	35	5.5	3.8	4.98	33	1	0	15	.41	.34	.319	.308
◆512-LMV321AS5X	LMV321AS5X	SOT-23	1	No	Output	1.4	0.1	35	5.5	3.8	4.98	33	1	0	15	.36	.29	.277	.243
◆512-LMV358AM8X	LMV358AM8X	SOIC-8	2	No	Output	1.4	0.1	35	5.5	3.8	4.98	33	1	0	15	.44	.371	.323	.314
◆512-LMV358AMU8X	LMV358AMU8X	SOP-8	2	No	Output	1.4	0.1	35	5.5	3.8	4.98	33	1	0	15	.47	.39	.34	.33

