



Linear Op Amps



No. per Package	GBWP	Iq Typical (µA)	Iq Max. (mA)	Vos Max. (mV)	Operating Voltage Range (V)	Temperature Range	Package	Digi-Key Part No.	Price Each			Tape and Reel*	
									1	10	25	Qty.	Pricing
1	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	8-DIP	MCP601-E/P-ND	.58	.54	.45	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 85°C	8-DIP	MCP601-I/P-ND	.54	.50	.41	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	8-SOIC	MCP601-E/SN-ND	.58	.54	.45	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 85°C	8-SOIC	MCP601-I/SN-ND	.54	.50	.41	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	SOT-23-5	MCP601RT-E/OTCT-ND	.61	.50	.41	3,000	370.32/M
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 85°C	SOT-23-5	MCP601RT-I/OTCT-ND	.53	.44	.38	3,000	336.65/M
2	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	8-DIP	MCP602-E/P-ND	.85	.71	.60	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	8-SOIC	MCP602-E/SN-ND	.85	.71	.60	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	8-TSSOP	MCP602-E/ST-ND	.85	.71	.60	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 85°C	8-DIP	MCP602-I/P-ND	.70	.64	.54	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 85°C	8-SOIC	MCP602-I/SN-ND	.70	.64	.54	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 85°C	8-TSSOP	MCP602-I/ST-ND	.70	.64	.54	—	—
1	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	SOT-23-6	MCP603-E/CHCT-ND	.61	.50	.41	3,000	370.32/M
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	8-DIP	MCP603-E/P-ND	.67	.57	.46	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	8-SOIC	MCP603-E/SN-ND	.67	.57	.46	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 85°C	8-DIP	MCP603-I/P-ND	.63	.53	.44	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 85°C	8-SOIC	MCP603-I/SN-ND	.63	.53	.44	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	14-DIP	MCP604-E/P-ND	1.41	1.31	1.08	—	—
4	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	14-SOIC	MCP604-E/SL-ND	1.41	1.31	1.08	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 125°C	14-TSSOP	MCP604-E/ST-ND	1.41	1.31	1.08	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 85°C	14-DIP	MCP604-I/P-ND	1.40	1.17	.97	—	—
	2.8MHz	230	.325	2	2.7 - 6.0	-40°C - 85°C	14-SOIC	MCP604-I/SL-ND	1.40	1.17	.97	—	—
	155MHz	18.70	.025	0.25	2.7 - 6.0	-40°C - 85°C	8-DIP	MCP606-I/P-ND	.88	.81	.68	—	—
	155MHz	18.70	.025	0.25	2.7 - 6.0	-40°C - 85°C	8-SOIC	MCP606-I/SN-ND	.88	.81	.68	—	—
2	155MHz	18.70	.025	0.25	2.5 - 6.0	-40°C - 85°C	8-TSSOP	MCP606-I/ST-ND	.88	.81	.68	—	—
	155MHz	18.70	.025	0.25	2.7 - 6.0	-40°C - 85°C	8-DIP	MCP607-I/P-ND	1.19	1.10	.91	—	—
	155MHz	18.70	.025	0.25	2.7 - 6.0	-40°C - 85°C	8-SOIC	MCP607-I/SN-ND	1.19	1.10	.91	—	—
	155MHz	18.70	.025	0.25	2.5 - 6.0	-40°C - 85°C	8-TSSOP	MCP607-I/ST-ND	1.19	1.10	.91	—	—
	155MHz	18.70	.025	0.25	2.7 - 6.0	-40°C - 85°C	8-DIP	MCP608-I/P-ND	1.05	.88	.73	—	—
	155MHz	18.70	.025	0.25	2.7 - 6.0	-40°C - 85°C	8-SOIC	MCP608-I/SN-ND	1.05	.88	.73	—	—
4	155MHz	18.70	.025	0.25	2.5 - 6.0	-40°C - 85°C	8-TSSOP	MCP608-I/ST-ND	1.05	.88	.73	—	—
	155MHz	18.70	.025	0.25	2.7 - 6.0	-40°C - 85°C	14-DIP	MCP609-I/P-ND	1.77	1.64	1.36	—	—
	155MHz	18.70	.025	0.25	2.7 - 6.0	-40°C - 85°C	14-SOIC	MCP609-I/SL-ND	1.77	1.64	1.36	—	—
	155MHz	18.70	.025	0.25	2.5 - 6.0	-40°C - 85°C	14-TSSOP	MCP609-I/ST-ND	1.77	1.64	1.36	—	—
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	8-MSOP	MCP616-I/MS-ND	1.05	.88	.73	—	—
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	8-DIP	MCP616-I/P-ND	1.05	.88	.73	—	—
2	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	8-SOIC	MCP616-I/SN-ND	1.05	.88	.73	—	—
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	8-MSOP	MCP617-I/MS-ND	1.37	1.15	.96	—	—
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	8-DIP	MCP617-I/P-ND	1.37	1.15	.96	—	—
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	8-SOIC	MCP617-I/SN-ND	1.37	1.15	.96	—	—
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	8-MSOP	MCP618-I/MS-ND	1.01	.94	.78	—	—
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	8-DIP	MCP618-I/P-ND	1.01	.94	.78	—	—
4	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	8-SOIC	MCP618-I/SN-ND	1.01	.94	.78	—	—
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	14-DIP	MCP619-I/P-ND	1.86	1.72	1.44	—	—
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	14-SOIC	MCP619-I/SL-ND	2.10	1.72	1.44	2,600	1301.71/M
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	14-SOIC	MCP619-I/SLCT-ND	1.86	1.72	1.44	—	—
	190kHz	19	.025	0.15	2.3 - 5.5	-40°C - 85°C	14-TSSOP	MCP619-I/ST-ND	1.86	1.72	1.44	—	—
	20,000kHz	2,500	3,600µA	200µV	2.5 - 5.5	-40°C - 125°C	8-SOIC	MCP621-E/SN-ND	1.68	1.54	1.28	—	—
2	20,000kHz	2,500	3,600µA	200µV	2.5 - 5.5	-40°C - 125°C	8-DFN	MCP622-E/MF-ND	2.13	1.96	1.63	—	—
	20,000kHz	2,500	3,600µA	200µV	2.5 - 5.5	-40°C - 125°C	8-SOIC	MCP622-E/SN-ND	2.06	1.90	1.59	—	—
	20,000kHz	2,500	3,600µA	200µV	2.5 - 5.5	-40°C - 125°C	10-DFN	MCP625-E/MF-ND	2.18	2.01	1.68	—	—
	20,000kHz	2,500	3,600µA	200µV	2.5 - 5.5	-40°C - 125°C	10-MSOP	MCP625-E/UN-ND	2.18	2.01	1.68	—	—
	24MHz	2,500	3,600µA	8,000µV	2.5 - 5.5	-40°C - 125°C	8-SOIC	MCP631-E/SN-ND	.94	.87	.72	—	—
	24MHz	2,500	3,600µA	8,000µV	2.5 - 5.5	-40°C - 125°C	8-DFN	MCP632-E/MF-ND	1.30	1.18	.99	—	—
1	24MHz	2,500	3,600µA	8,000µV	2.5 - 5.5	-40°C - 125°C	8-SOIC	MCP632-E/SN-ND	1.23	1.14	.95	—	—
	24MHz	2,500	3,600µA	8,000µV	2.5 - 5.5	-40°C - 125°C	8-SOIC	MCP633-E/SN-ND	1.08	.90	.75	—	—
	24MHz	2,500	3,600µA	8,000µV	2.5 - 5.5	-40°C - 125°C	10-DFN	MCP635-E/MF-ND	1.32	1.22	1.01	—	—
	24MHz	2,500	3,600µA	8,000µV	2.5 - 5.5	-40°C - 125°C	10-MSOP	MCP635-E/UN-ND	1.32	1.22	1.01	—	—
	50,000kHz	6,000	9	0.20	2.5 - 5.5	-40°C - 125°C	8-SOIC	MCP651-E/SN-ND	2.06	1.90	1.59	—	—
	50,000kHz	6,000	9	0.20	2.5 - 5.5	-40°C - 125°C	8-DFN	MCP652-E/MF-ND	2.65	2.43	2.02	—	—
2	50,000kHz	6,000	9	0.20	2.5 - 5.5	-40°C - 125°C	8-SOIC	MCP652-E/SN-ND	2.56	2.34	1.95	—	—
	50,000kHz	6,000	9	0.20	2.5 - 5.5	-40°C - 125°C	10-DFN	MCP655-E/MF-ND	2.72	2.48	2.07	—	—
	50,000kHz	6,000	9	0.20	2.5 - 5.5	-40°C - 125°C	10-MSOP	MCP655-E/UN-ND	2.72	2.48	2.07	—	—
	60MHz	6,000	9,000µA	8,000µV	2.5 - 5.5	-40°C - 125°C	8-SOIC	MCP661-E/SN-ND	1.17	1.08	.90	—	—
	60MHz	6,000	9,000µA	8,000µV	2.5 - 5.5	-40°C - 125°C	8-DFN	MCP662-E/MF-ND	1.77	1.49	1.24	—	—
	60MHz	6,000	9,000µA	8,000µV	2.5 - 5.5	-40°C - 125°C	8-SOIC	MCP662-E/SN-ND	1.68	1.41	1.17	—	—
1	60MHz	6,000	9,000µA	8,000µV	2.5 - 5.5	-40°C - 125°C	8-SOIC	MCP663-E/SN-ND	1.34	1.12	.94	—	—
	60MHz	6,000	9,000µA	8,000µV	2.5 - 5.5	-40°C - 125°C	10-DFN	MCP665-E/MF-ND	1.64	1.52	1.27	—	—
	60MHz	6,000	9,000µA	8,000µV	2.5 - 5.5	-40°C - 125°C	10-MSOP	MCP665-E/UN-ND	1.64	1.52	1.27	—	—
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 85°C	SOT-23-5	MCP601RT-I/OTCT-ND	.33	.27	.23	3,000	201.99/M
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 125°C	SOT-23-5	MCP601RT-E/OTCT-ND	.36	.33	.27	3,000	246.88/M
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 125°C	SC-70-5	MCP601T-E/LTCT-ND	.43	.36	.30	3,000	269.32/M
1	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 125°C	SOT-23-5	MCP601T-E/OTCT-ND	.40	.33	.27	3,000	246.88/M
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 85°C	SC-70-5	MCP601T-I/LTCT-ND	.36	.30	.24	3,000	213.21/M
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 85°C	SOT-23-5	MCP601T-I/OTCT-ND	.33	.27	.23	3,000	201.99/M
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 125°C	SOT-23-5	MCP601UT-E/OTCT-ND	.40	.33	.27	3,000	246.88/M
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 85°C	SOT-23-5	MCP601UT-I/OTCT-ND	.33	.27	.23	3,000	201.99/M
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 125°C	8-DFN	MCP602-E/MC-ND	.93	.78	.64	—	—
2	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 125°C	8-MSOP	MCP602-E/MS-ND	.45	.41	.34	—	—
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 125°C	8-DIP	MCP602-E/P-ND	.45	.41	.34	—	—
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 125°C	8-SOIC	MCP602-E/SN-ND	.45	.41	.34	—	—
	1,000kHz	140	.170	4.5	1.8 - 6.0	-40°C - 125°C	8-MSOP	MCP602-I/MS-ND	.40	.37	.32	—	—
	1,000kHz	100	.170	4.5	1.8 - 6.0	-40°C - 85°C	8-DIP	MCP602-I/P-ND	.40	.37	.32</		