

National Semiconductor <b>Digi-Reel®</b> (Cont.) <b>AMPLIFIERS AND COMPARATORS</b>				
Digi-Key Part No.	Description	Pkg.	Price Each*	
			1	100
LMH2180SDETR-ND	75MHz Dual Clock Buffer*	8-LFP	405.00/250	
LMH2180TMCET-ND	75MHz High Speed Dual Clock Buffer*	8-µSMD	2.31 1.86 1.70	
LMH2180TMR-ND	75MHz High Speed Dual Clock Buffer*	8-µSMD	685.66/500	
LMH2180YDCT-ND	75MHz Dual Clock Buffer*	8-LFP	2.45 1.98 1.80	
LMH2180YDTR-ND	75MHz Dual Clock Buffer*	8-LFP	1225.93/1,000	
LMH6321MR-ND	300mA High Speed Buffer*	8-PSOP	4.83 3.89 3.54	
LMH6321TS-ND	300mA High Speed Buffer*	TO-263-7	4.83 3.89 3.54	
LMH6502MA-ND	Wideband, LP, Linear-in-dB Variable Gain Amp*	14-SOIC	6.84 5.61 5.06	
LMH6502MT-ND	Wideband, Low Power, Linear-in-dB Variable Gain Amp	14-TSSOP	6.84 5.61 5.06	
LMH6503MA-ND	Wideband, Low Power, Linear Variable Gain Amp*	14-SOIC	6.84 5.61 5.06	
LMH6503MT-ND	Wideband, Low Power, Linear Variable Gain Amp*	14-TSSOP	6.84 5.61 5.06	
LMH6504MA-ND	Wideband, Low Power, Variable Gain Amp	8-SOIC	4.95 3.98 3.63	
LMH6504MMCT-ND	Wideband, Low Power, Variable Gain Amp	8-MSOP	5.30 4.34 3.89	
LMH6504MMTR-ND	Wideband, Low Power, Variable Gain Amp	8-MSOP	2475.00/1,000	
LMH6505MA-ND	Wideband, Low Power, Linear Variable Gain Amp*	8-SOIC	5.53 4.45 4.05	
LMH6505MMCT-ND	Wideband, Low Power, Linear Variable Gain Amp*	8-MSOP	5.92 4.84 4.35	
LMH6505MMTR-ND	Wideband, Low Power, Linear Variable Gain Amp*	8-MSOP	2764.13/1,000	
LMH6515SDCT-ND	600MHz, Digital Controlled, Variable Gain Amp*	16-LFP	8.41 6.98 6.35	
LMH6515SDTR-ND	1.5GHz, Fully Differential Amp*	8-LFP	8.10 6.73 6.12	
LMH6552SDTR-ND	1.5GHz, Fully Differential Amp*	8-LFP	4126.37/1,000	
LMH6559MA-ND	High Speed, Closed Loop Buffer*	8-SOIC	2.30 1.86 1.67	
LMH6559MCT-ND	High Speed, Closed Loop Buffer*	SO-T23-5	2.59 2.01 1.82	
LMH6559MTR-ND	High Speed, Closed Loop Buffer*	SO-T23-5	1075.58/1,000	
LMH6570MA-ND	2:1 High Speed Video Mux*	8-SOIC	5.14 4.13 3.76	
LMH6572MQ-ND	Triple 2:1 High Speed Video Mux*	16-SSOP	6.86 5.63 5.08	
LMH6574MA-ND	4:1 High Speed Video Mux*	14-SOIC	5.50 4.43 4.04	
LMH6583YA-ND	16x8, 550MHz Analog Crosspoint Switch, Gain of 2*	64-TQFP	51.54 45.48 43.21	
LMH6586VS-ND	32X16, 66MHz Video Crosspoint Switch*	80-TQFP	58.34 52.16 49.50	
LMH6601MGCT-ND	250MHz, 2.4V CMOS Op Amp with Shutdown*	SC70-6	1.78 1.38 1.26	
LMH6601MCTR-ND	250MHz, 2.4V CMOS Op Amp with Shutdown*	SC70-6	740.19/1,000	
LMH6601QMCT-ND	250MHz, 2.4V CMOS Op Amp with Shutdown*	SC70-6	2.34 1.81 1.64	
LMH6601QMTR-ND	250MHz, 2.4V CMOS Op Amp with Shutdown*	SC70-6	968.19/1,000	
LMH6609MA-ND	900MHz Voltage Feedback Op Amp*	8-SOIC	2.29 1.85 1.66	
LMH6609MCT-ND	900MHz Voltage Feedback Op Amp*	SO-T23-5	2.59 2.00 1.81	
LMH6609MTR-ND	900MHz Voltage Feedback Op Amp*	SO-T23-5	1069.80/1,000	
LMH6611MCT-ND	345MHz Rail-to-Rail Output Op Amp*	SO-T23-6	3.17 2.50 2.33	
LMH6611MCTR-ND	345MHz Rail-to-Rail Output Op Amp*	SO-T23-6	489.05/250	
LMH6640MCT-ND	1TFT-LCD Single, 16V Rail-to-Rail Out High Op Amp	SO-T23-5	2.68 2.29 2.17	
LMH6640MCTR-ND	1TFT-LCD Single, 16V Rail-to-Rail Out High Op Amp	SO-T23-5	1249.06/1,000	
LMH6657MCT-ND	270MHz, Single Supply Amp*	SO-T23-5	1.85 1.43 1.30	
LMH6657MTR-ND	270MHz, Single Supply Amp*	SO-T23-5	766.62/1,000	
LMH6657MCT-ND	270MHz, Single Supply Amp*	SC70-5	1.85 1.43 1.30	
LMH6657MTR-ND	270MHz, Single Supply Amp*	SC70-5	766.62/1,000	
LMH6672MA-ND	Dual, High Output Current, High Speed Op Amp*	8-SOIC	2.45 1.98 1.80	
LMH6672MR-ND	Dual, High Output Current, High Speed Op Amp*	8-PSOP	2.45 1.98 1.80	
LMH6683MA-ND	Triple, 190MHz Single Supply Op Amp*	14-SOIC	2.73 2.20 2.00	
LMH6683MT-ND	Triple, 190MHz Single Supply Op Amp*	14-TSSOP	2.73 2.20 2.00	
LMH6704MA-ND	650MHz Programmable Gain Buffer with Disable*	8-SOIC	2.73 2.20 2.00	
LMH6704MCT-ND	650MHz Programmable Gain Buffer with Disable*	SO-T23-6	2.92 2.39 2.15	
LMH6704MTR-ND	650MHz Programmable Gain Buffer with Disable*	SO-T23-6	1364.72/1,000	
LMH6714MA-ND	Single, 400MHz, Wideband Video Op Amp, Shutdown*	8-SOIC	1.87 1.51 1.36	
LMH6714MCT-ND	Single, 400MHz, Wideband Video Op Amp, Shutdown*	SO-T23-5	2.11 1.63 1.48	
LMH6714MTR-ND	Single, 400MHz, Wideband Video Op Amp, Shutdown*	SO-T23-5	874.84/1,000	
LMH6715MA-ND	Dual, Wideband Video Op Amp*	8-SOIC	2.53 2.05 1.84	
LMH6739MQ-ND	Very Wideband, Low Distortion Triple Video Buffer*	16-SSOP	5.06 4.08 3.71	
LMP2011MA-ND	Single High Precision, Rail-to-Rail Output Op Amp*	8-SOIC	2.42 1.96 1.76	
LMP2011MCT-ND	Single High Precision, Rail-to-Rail Output Op Amp*	SO-T23-5	2.73 2.11 1.92	
LMP2011MTR-ND	Single High Precision, Rail-to-Rail Output Op Amp*	SO-T23-5	1131.76/1,000	
LMP2012MA-ND	Dual, High Precision, Rail-to-Rail Output Op Amp*	8-SOIC	2.96 2.38 2.17	
LMP2012MCT-ND	Dual, High Precision, Rail-to-Rail Output Op Amp*	8-MSOP	3.17 2.60 2.33	
LMP2012MTR-ND	Dual, High Precision, Rail-to-Rail Output Op Amp*	8-MSOP	1280.37/1,000	
LMP2014MT-ND	Quad, High Precision, Rail-to-Rail Output Op Amp*	14-TSSOP	4.37 3.52 3.21	
LMP2015MA-ND	Single, High Precision, R/R Output Op Amp*	8-SOIC	2.54 2.05 1.85	
LMP2015MCT-ND	Single, High Precision, R/R Output Op Amp*	SO-T23-5	2.67 2.21 2.01	
LMP2015MTR-ND	Single, High Precision, R/R Output Op Amp*	SO-T23-5	1186.29/1,000	
LMP2016MA-ND	Dual, High Precision, R/R Output Op Amp*	8-SOIC	3.12 2.51 2.29	
LMP2016MCT-ND	Dual, High Precision, R/R Output Op Amp*	8-MSOP	3.35 2.74 2.46	
LMP2016MTR-ND	Dual, High Precision, R/R Output Op Amp*	8-MSOP	1561.33/1,000	
LMP2021MA-ND	Single Precision, Low Noise Op Amp*	8-SOIC	2.75 2.22 2.02	
LMP2021MCT-ND	Single Precision, Low Noise Op Amp*	SO-T23-5	2.95 2.41 2.17	
LMP2021MTR-ND	Single Precision, Low Noise Op Amp*	SO-T23-5	454.77/250	
LMP2022MA-ND	Dual Precision, Low Noise Op Amp*	8-SOIC	3.63 2.92 2.66	
LMP2022MCT-ND	Dual Precision, Low Noise Op Amp*	8-MSOP	3.89 3.18 2.86	
LMP2022MTR-ND	Dual Precision, Low Noise Op Amp*	8-MSOP	599.96/250	
LMP2231MA-ND	Single Micropower, Prec. Op Amp, CMOS Input*	8-SOIC	3.07 2.48 2.26	
LMP2231MCT-ND	Single Micropower, Prec. Op Amp, CMOS Input*	SO-T23-5	3.30 2.70 2.42	
LMP2231MTR-ND	Single Micropower, Prec. Op Amp, CMOS Input*	SO-T23-5	1538.20/1,000	
LMP2231BMA-ND	Single Micropower, Prec. Op Amp, CMOS Input*	8-SOIC	2.31 1.87 1.68	
LMP2231BMCT-ND	Single Micropower, Prec. Op Amp, CMOS Input*	SO-T23-5	2.61 2.02 1.83	
LMP2231BMTR-ND	Single Micropower, Prec. Op Amp, CMOS Input*	SO-T23-5	1061.36/1,000	
LMP2231BMCT-ND	Single Micropower, Prec. Op Amp, CMOS Input*	SO-T23-5	2.61 2.02 1.83	
LMP2231BMTR-ND	Single Micropower, Prec. Op Amp, CMOS Input*	SO-T23-5	372.98/250	
LMP2232MA-ND	Dual Micropower, Precision Op Amp, CMOS Input*	8-SOIC	4.19 3.37 3.07	
LMP2232MCT-ND	Dual Micropower, Precision Op Amp, CMOS Input*	8-MSOP	4.49 3.67 3.29	
LMP2232MTR-ND	Dual Micropower, Precision Op Amp, CMOS Input*	8-MSOP	2093.34/1,000	
LMP2232BMA-ND	Dual Micropower, Precision Op Amp, CMOS Input*	8-SOIC	3.07 2.48 2.26	
LMP2232BMCT-ND	Dual Micropower, Precision Op Amp, CMOS Input*	8-MSOP	3.30 2.70 2.42	
LMP2232BMTR-ND	Dual Micropower, Precision Op Amp, CMOS Input*	8-MSOP	1538.20/1,000	
LMP2234MA-ND	Quad MPU, Prec. Op Amp, R/R Output, CMOS Input*	14-SOIC	5.27 4.24 3.87	
LMP2234MCT-ND	Quad MPU, Prec. Op Amp, R/R Output, CMOS Input*	14-TSSOP	5.27 4.24 3.87	
LMP2234MA-ND	Quad MPU, Prec. Op Amp, R/R Output, CMOS Input*	14-SOIC	4.23 3.41 3.10	
LMP2234MCT-ND	Quad MPU, Prec. Op Amp, R/R Output, CMOS Input*	14-TSSOP	4.23 3.41 3.10	
LMP7701MA-ND	Single, CMOS In., R/R I/O Wide Supply Range Amp*	8-SOIC	2.55 2.07 1.86	
LMP7701MCT-ND	Single, CMOS Input, R/R I/O Wide Supply Range Amp*	SO-T23-5	2.88 2.23 2.02	
LMP7701MTR-ND	Single, CMOS Input, R/R I/O Wide Supply Range Amp*	SO-T23-5	1195.37/1,000	
LMP7702MA-ND	Dual, CMOS Input, R/R I/O Wide Supply Range Amp*	8-SOIC	3.07 2.48 2.26	
LMP7702MCT-ND	Dual, CMOS Input, R/R I/O Wide Supply Range Amp*	8-MSOP	3.30 2.70 2.42	
LMP7702MTR-ND	Dual, CMOS Input, R/R I/O Wide Supply Range Amp*	8-MSOP	1728.20/1,000	
LMP7704MA-ND	Quad, CMOS In., R/R I/O Wide Supply Range Amp*	14-SOIC	4.16 3.35 3.05	
LMP7704MCT-ND	Quad, CMOS Input, R/R I/O Wide Supply Range Amp*	14-TSSOP	4.16 3.35 3.05	
LMP7707MA-ND	Single, CMOS Input, R/R I/O Decomp. Amp*	8-SOIC	2.52 2.03 1.85	
LMP7707MCT-ND	Single, CMOS Input, R/R I/O Decomp. Amp*	SO-T23-5	2.70 2.21 1.99	
LMP7707MTR-ND	Single, CMOS Input, R/R I/O Decomp. Amp*	SO-T23-5	1260.63/1,000	
LMP7708MA-ND	Dual, CMOS Input, R/R I/O Decomp. Amp*	8-SOIC	3.04 2.74 2.49	
LMP7708MCT-ND	Dual, CMOS Input, R/R I/O Decomp. Amp*	8-MSOP	3.64 2.98 2.68	
LMP7708MTR-ND	Dual, CMOS Input, R/R I/O Decomp. Amp*	8-MSOP	1700.11/1,000	
LMP7709MA-ND	Quad, CMOS Input, R/R I/O Decomp. Amp*	14-SOIC	5.39 4.34 3.95	

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			1	100
LMPP7709MT-ND	Quad, CMOS Input, R/R I/O Decompensated Amp*	14-TSSOP	5.39 4.34 3.95	
LMPP8100A-ND	1 to 16V/V Prog. Gain, 33MHz, CMOS In, R/R I/O Amp*	14-SOIC	6.69 5.49 4.96	
LMPP8100MA-ND	1 to 16V/V Prog. Gain, 33MHz, CMOS In, R/R I/O Amp*	14-SOIC	5.64 4.63 4.18	
LMPP8601MA-ND	60V, Common Mode Bidirectional Sensing Amp*	8-SOIC	3.40 2.74 2.49	
LMPP8602MA-ND	60V, Common Mode Bidirectional Sensing Amp*	8-SOIC	3.40 2.74 2.49	
LMPP8602MA-ND	60V, Common Mode Bidirectional Sensing Amp*	8-SOIC	3.64 2.98 2.68	
LMPP8602MCT-ND	60V, Common Mode Bidirectional Sensing Amp*	8-MSOP	561.75/250	
LMPP8602MTR-ND	60V, Common Mode Bidirectional Sensing Amp*	8-MSOP	3.40 2.74 2.49	
LMPP8603MA-ND	60V, Common Mode Bidirectional Sensing Amp*	8-SOIC	3.64 2.98 2.68	
LMPP8603MCT-ND	60V, Common Mode Bidirectional Sensing Amp*	8-MSOP	561.75/250	
LMPP8603MTR-ND	60V, Common Mode Bidirectional Sensing Amp*	8-MSOP	2.72 2.10 1.91	
LMPP8645HVMEKCT-ND	Precision High Voltage Current Sense Amp*	6-TSOT	388.27/250	
LMPP8645HVMEKTR-ND	Precision High Voltage Current Sense Amp*	6-TSOT	2.45 1.89 1.72	
LMPP8645MKCT-ND	Precision High Voltage Current Sense Amp*	6-TSOT	349.44/250	
LMPP8645MKTR-ND	Precision High Voltage Current Sense Amp*	6-TSOT	1.19 95 85	
LMV112SDCT-ND	40MHz Dual Clock Buffer*	8-LFP	470.88/1,000	
LMV112SDTR-ND	40MHz Dual Clock Buffer*	8-LFP	1.48 1.17 1.05	
LMV116MCT-ND	Low Volt, 45MHz, R/R Output Op Amp*	SO-T23-6	582.40/1,000	
LMV116MTR-ND	Low Volt, 45MHz, R/R Output Op Amp*	SO-T23-6	1.59 1.23 1.12	
LMV118MCT-ND	Low Volt, 45MHz, R/R Output Op Amp with Shutdown*	SO-T23-6	659.23/1,000	
LMV118MTR-ND	Low Volt, 45MHz, R/R Output Op Amp with Shutdown*	SO-T23-6	85 67 61	
LMV301MGCT-ND	Op Amp 1.8V, Low Input Bias, Rail-to-Rail Output*	SC70-5	334.57/1,000	
LMV301MTR-ND	Op Amp 1.8V, Low Input Bias, Rail-to-Rail Output*	SC70-5	76 59 53	
LMV321MCT-ND	Op Amp Low Voltage*	SC70-5	80 62 55	
LMV321MTR-ND	Op Amp Low Voltage (2/3 the size of SO-T23)*	SC70-5	290.79/1,000	
LMV324MCT-ND	Low Power Quad Op Amp Low Voltage*	14-SOIC	87 70 61	
LMV324MTR-ND	Low Power Quad Op Amp Low Voltage*	14-SOIC	94 75 67	
LMV324MCT-ND	Low Power Quad Op Amp Low Voltage*	14-SOIC	867.41/2,500	
LMV324MTR-ND	Low Power Quad Op Amp Low Voltage*	14-TSSOP	1.07 86 75	
LMV331MCT-ND	Single General Purpose, Low Volt., TinyPack Comp.*	SO-T23-5	69 54 48	
LMV331MTR-ND	Single General Purpose, Low Volt., TinyPack Comp.*	SO-T23-5	251.13/1,000	
LMV331MCT-ND	General Purpose Low Voltage TinyPack Comparator	SO-T23-5	69 54 48	
LMV331MTR-ND	General Purpose Low Voltage TinyPack Comparator	SO-T23-5	684.01/3,000	
LMV331MCT-ND	General Purpose Low Voltage TinyPack Comparator*	SC70-5	264.35/1,000	
LMV331MTR-ND	General Purpose Low Voltage TinyPack Comparator*	SC70-5	73 57 50	
LMV331MCT-ND	General Purpose Low Voltage TinyPack Comparator*	SC70-5	718.71/3,000	
LMV331MTR-ND	Quad General Purpose, Low Voltage, TinyPack Comp.*	14-SOIC	421.31/1,000	
LMV339MCT-ND	Quad General Purpose, Low Voltage, TinyPack Comp.*	14-TSSOP	1.10 88 77	
LMV341MCT-ND	Single, 2.7V, Rail-to-Rail Op Amp*	SC70-6	91 72 65	
LMV341MTR-ND	Single, 2.7V, Rail-to-Rail Op Amp*	SC70-6	359.35/1,000	
LMV342MA-ND	Dual, 2.7V, Rail-to-Rail, Op Amp*	8-SOIC	93 74 65	
LMV342MCT-ND	Dual, 2.7V, Rail-to-Rail, Op Amp*	8-MSOP	1.03 82 74	
LMV342MTR-ND	Dual, 2.7V, Rail-to-Rail, Op Amp*	8-MSOP	408.92/1,000	
LMV344MA-ND	Quad, 2.7V, Rail-to-Rail, Op Amp*	14-SOIC	1.04 84 73	
LMV344MCT-ND	Quad, 2.7V, Rail-to-Rail, Op Amp*	14-TSSOP	1.13 91 79	
LMV358M-ND	Low Power Dual Op Amp, Low Voltage*	8-SOIC	75 61 53	
LMV358MCT-ND	Low Power Dual Op Amp, Low Voltage*	8-SOIC	82 65 58	
LMV358MTR-ND	Low Power Dual Op Amp, Low Voltage*	8-SOIC	751.75/2,500	
LMV358MCT-ND	Low Power Dual Op Amp, Low Voltage*	8-MSOP	82 65 58	
LMV358MTR-ND	Low Power Dual Op Amp, Low Voltage*	8-MSOP	322.18/1,000	
LMV393M-ND	Dual General Purpose Low Voltage, TinyPack Comp.*	8-SOIC	79 62 54	
LMV393MCT-ND	Dual General Purpose Low Voltage, TinyPack Comp.*	8-MSOP	88 68 60	
LMV393MTR-ND	Dual General Purpose Low Voltage, TinyPack Comp.*	8-MSOP	317.22/1,000	
LMV393MCT-ND	Dual General Purpose Low Voltage, TinyPack Comp.*	8-MSOP	88 68 60	
LMV393MTR-ND	Dual General Purpose Low Voltage, TinyPack Comp.*	8-MSOP	1006.19/3,000	
LMV551MCT-ND	Single 3MHz, Micropower RRO Amp*	SO-T23-5	1.35 1.07 96	
LMV551MTR-ND	Single 3MHz, Micropower RRO Amp*	SO-T23-5	530.36/1,000	
LMV551MCT-ND	Single 3MHz, Micropower RRO Amp*	SC70-5	1.35 1.07 96	
LMV551MTR-ND	Single 3MHz, Micropower RRO Amp*	SC70-5	530.36/1,000	
LMV552MCT-ND	Dual 3MHz, Micropower RRO Amp*	8-MSOP	1.64 1.27 1.15	
LMV552MTR-ND	Dual 3MHz, Micropower RRO Amp*	8-MSOP	676.58/1,000	
LMV554MCT-ND	Quad 3MHz, Micropower RRO Amp*	14-TSSOP	1.93 1.56 1.41	
LMV554MTR-ND	Quad 3MHz, Micropower RRO Amp*	SO-T23-5	1.26 1.00 90	
LMV710MCT-ND	Low Power, R/R, I/O Op Amp with Shutdown Option*	SO-T23-5	495.66/1,000	
LMV710MTR-ND	Low Power, High Output, R/R, I/O Dual Op Amp*	10-LFP	1.92 1.49 1.35	
LMV712MCT-ND	Low Power, High Output, R/R, I/O Dual Op Amp*	10-LFP	796.36/1,000	
LMV712MTR-ND	Low Power, High Output, R/R, I/O Dual Op Amp*	10-MSOP	1.55 1.23 1.11	
LMV712MCT-ND	Low Power, High Output, R/R, I/O Dual Op Amp*	10-MSOP	612.14/1,000	
LMV712LCT-ND	Low Power, High Output, R/R, I/O Dual Op Amp*	10-µSMD	1.68 1.30 1.18	
LMV712LTR-ND	Low Power, High Output, R/R, I/O Dual Op Amp*	10-µSMD	239.57/250	
LMV716MCT-ND	5MHz, Low Noise, R/R Dual Op Amp*	8-MSOP	1.35 1.07 96	
LMV716MTR-ND	5MHz, Low Noise, R/R Dual Op Amp*	8-MSOP	530.36/1,000	
LMV761MA-ND				