



MILITARY HERMETIC ICs

Part Number	DSCC SMD#	Description	Temp Range	Gold Terminal Finish	SnPb Terminal Finish	Matte Tin Terminal Finish	Package	Comments ⁽²⁾
Amplifiers⁽¹⁾								
LTC1100AMJ8		0.02MHz Precision, Zero-Drift Instrumentation Amplifier	M	n/a	Yes	n/a	CERDIP-8	
LT1101AMJ8		0.25MHz Precision Micropower Single Supply Instrumentation Amplifier	M	n/a	Yes	n/a	CERDIP-8	
LM107H		0.25MHz $\pm 15V$ FET Input Op Amp, Internal Compensation Capacitor	M	n/a	Yes	n/a	TO-5, 8 Lead	
LM107J8		0.25MHz $\pm 15V$ FET Input Op Amp, Internal Compensation Capacitor	M	n/a	Yes	n/a	CERDIP-8	
LM307H		0.25MHz $\pm 15V$ FET Input Op Amp	C	n/a	Yes	n/a	TO-5, 8 Lead	
OP07H		Precision 0.4MHz Op Amp	M	n/a	Yes	n/a	TO-5, 8 Lead	
LT1012MJ8		0.5MHz Picoamp Input Current, Microvolt Offset, Low Noise Op Amp	M	n/a	Yes	n/a	CERDIP-8	
LM108AH		1MHz $\pm 15V$ 0.5mV VOS Op Amp	M	n/a	Yes	n/a	TO-5, 8 Lead	
LM108AH/883		1MHz $\pm 15V$ 0.5mV VOS Op Amp	M	n/a	Yes	n/a	TO-5, 8 Lead	
LM108AJ8		1MHz $\pm 15V$ 0.5mV VOS Op Amp	M	n/a	Yes	n/a	CERDIP-8	
LT1006MJ8		1MHz Precision, Single Supply Op Amp	M	n/a	Yes	n/a	CERDIP-8	
LF155H		2.5MHz 100pA IBIAS J-FET Input Op Amp	M	n/a	Yes	n/a	TO-5, 8 Lead	
LF155H/883		2.5MHz 100pA IBIAS J-FET Input Op Amp	M	n/a	Yes	n/a	TO-5, 8 Lead	
LF355AH		2.5MHz 50pA IBIAS J-FET Input Op Amp	C	n/a	Yes	n/a	TO-5, 8 Lead	
LTC1050AMJ8/883		2.5MHz Precision Zero Drift Op Amp with Internal Capacitors	M	n/a	Yes	n/a	CERDIP-8	
LTC1150MJ8		2.5MHz Zero-Drift Op Amp With Internal Capacitors	M	n/a	Yes	n/a	CERDIP-8	
LT1022AMH/883		8.5MHz JFET Input Op Amp	M	n/a	Yes	n/a	TO-5, 8 Lead	IOS=2nA max IBIAS= $\pm$ 4nA max
LM118H/883		15MHz High Speed Operational Amplifier	M	n/a	Yes	n/a	CERDIP-8	
LT1010MH		20MHz $\pm 150mA$ Power Buffer	M	n/a	Yes	n/a	TO-39, 4 Lead	
LT1193MJ8		26MHz Video Difference Amplifier	M	n/a	Yes	n/a	CERDIP-8	
LT1037MH/883		60MHz Low Noise, Precision Op Amp	M	n/a	Yes	n/a	TO-5, 8 Lead	
LT1227MJ8		140MHz Video Current Feedback Amplifier	M	n/a	Yes	n/a	CERDIP-8	
LT1078MJ8		Dual 0.2MHz Micro-Power, Single Supply, Precision Op Amp	M	n/a	Yes	n/a	CERDIP-8	
LT1013AMH		Dual 0.5MHz Precision Op Amp	M	n/a	Yes	n/a	TO-5, 8 Lead	
LT1013AMJ8		Dual 0.5MHz Precision Op Amp	M	n/a	Yes	n/a	CERDIP-8	
LT1013AMJ8/883	5962-8876001PX	Dual 0.5MHz Precision Op Amp	M	n/a	Yes	n/a	CERDIP-8	DSCC or LT Versions Available
LT1013MH		Dual 0.5MHz Precision Op Amp	M	n/a	Yes	n/a	TO-5, 8 Lead	
LT1013MJ8		Dual 0.5MHz Precision Op Amp	M	n/a	Yes	n/a	CERDIP-8	
LT1013MJ8/883		Dual 0.5MHz Precision Op Amp	M	n/a	Yes	n/a	CERDIP-8	
LT1112MJ8		Dual 0.75MHz Low Power Precision, Picoamp Input Op Amp	M	n/a	Yes	n/a	CERDIP-8	
LT1057MH/883		Dual 5MHz, 13V/ μS Precision JFET Op Amp	M	n/a	Yes	n/a	TO-5, 8 Lead	IOS=3nA max IBIAS= $\pm$ 6nA max
LT1211MJ8		Dual 14MHz, 7V/ μs , Single Supply Precision Op Amp	M	n/a	Yes	n/a	CERDIP-8	
LT1213MJ8		Dual 28MHz, 12V/ μs , Single Supply Precision Op Amp	M	n/a	Yes	n/a	CERDIP-8	
LT1079MJ		Quad 0.2MHz Micro-Power, Single Supply, Precision Op Amp	M	n/a	Yes	n/a	CERDIP-14	
LT1014AMJ/883		Quad 0.5MHz Precision Op Amp	M	n/a	Yes	n/a	CERDIP-14	
LT1014MJ		Quad 0.5MHz Precision Op Amp	M	n/a	Yes	n/a	CERDIP-14	
LT1114MJ		Quad 0.75MHz Low Power Precision, Picoamp Input Op Amp	M	n/a	Yes	n/a	CERDIP-14	
LT1125AMJ		Quad 12.5MHz Low Noise, High Speed Precision Op Amp	M	n/a	Yes	n/a	CERDIP-14	



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Comparators								
LT1016MH		10nS Precision Comparator	M	n/a	Yes	n/a	TO-5, 10 Lead	
LT1016MH/883		10nS Precision Comparator	M	n/a	Yes	n/a	TO-5, 10 Lead	
LT1016MJ8/883	5962-8684501PA	10nS Precision Comparator	M	n/a	Yes	n/a	CERDIP-8	DSCC or LT Versions Available
LT1011AMJ8		250ns Voltage Comparator	M	n/a	Yes	n/a	CERDIP-8	
LT1011MJ8		250ns Voltage Comparator	M	n/a	Yes	n/a	CERDIP-8	
LT1018MH		6uS Dual Micropower Comparator	M	n/a	Yes	n/a	TO-5, 8 Lead	
LT1018MJ8/883	5962-8950402PA	6uS Dual Micropower Comparator	M	n/a	Yes	n/a	CERDIP-8	DSCC or LT Versions Available
LT1017MH		10uS Dual Micropower Comparator	M	n/a	Yes	n/a	TO-5, 8 Lead	
LT1017MH/883		10uS Dual Micropower Comparator	M	n/a	Yes	n/a	TO-5, 8 Lead	
LT1017MJ8/883	5962-8950401PA	10uS Dual Micropower Comparator	M	n/a	Yes	n/a	CERDIP-8	DSCC or LT Versions Available
LTC1041MJ8		80µs BANG-BANG Controller	M	n/a	Yes	n/a	CERDIP-8	
LTC1042MJ8		80µs Window Comparator	M	n/a	Yes	n/a	CERDIP-8	
LM119J/883		80ns Dual Comparator	M	n/a	Yes	n/a	TO-5, 10 Lead	
Data Conversion								
LTC1094MJ/883B		10-Bit Serial, 8-Channel 26ksps I/O Data Acquisition System	M	n/a	Yes	n/a	CERDIP-20	
LTC1290CMJ		12-Bit, 8-Channel, 50ksps Serial I/O Data Acquisition System	M	n/a	Yes	n/a	CERDIP-20	Gain error ±1.0LSB, Linearity error ±0.5LSB
LTC1290CMJ/883		12-Bit, 8-Channel, 50ksps Serial I/O Data Acquisition System	M	n/a	Yes	n/a	CERDIP-20	Gain error ±1.0LSB, Linearity error ±0.5LSB
LTC1292BMJ8		12-Bit, Single Channel, 60ksps Serial I/O Data Acquisition System	M	n/a	Yes	n/a	CERDIP-8	
LTC1292BMJ8/883		12-Bit, Single Channel, 60ksps Serial I/O Data Acquisition System	M	n/a	Yes	n/a	CERDIP-8	
DC/DC Regulators and Controllers								
LTC1044MJ8		Switched Capacitor Voltage Converter	M	n/a	Yes	n/a	CERDIP-8	
LT1054MJ8		100mA Regulated Switched-Capacitor Voltage Converter	M	n/a	Yes	n/a	CERDIP-8	
LT1111MJ8/883	5962-9321201MPA	300µA Iq DC/DC Converter With 1A Power Switch, Adj. or Fixed 5V/12V Output	M	n/a	Yes	n/a	CERDIP-8	DSCC or LT Versions Available
LT1072MJ8/883		40kHz 1.25A High Efficiency Switching Regulator	M	n/a	Yes	n/a	CERDIP-8	
LT1172MJ8		100kHz, 1.25A Power Switch, High Efficiency Switching Regulator	M	n/a	Yes	n/a	CERDIP-8	MAX 125 C T _j
LT1244MJ8/883	5962-9319004MPA	High Speed Current Mode Pulse Width Modulator, 16V Start-Up/10V Min Operating Voltage	M	n/a	Yes	n/a	CERDIP-8	DSCC or LT Versions Available
LT1245MJ8		High Speed Current Mode Pulse Width Modulator, 8.4V Start-Up/ 7.6V Min Operating Voltage	M	n/a	Yes	n/a	CERDIP-8	
LT1524J		Regulating Pulse Width Modulator	M	n/a	Yes	n/a	CERDIP-16	



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Filters								
LTC1061CJ		High Performance Triple Universal Filter Building Block	M	n/a	Yes	n/a	CERDIP-20	
LTC1064-4MJ		Low Noise, 8th Order, Lowpass Filter	M	n/a	Yes	n/a	CERDIP-14	
Interface								
LTC485MJ8		Low Power RS485 Interface Transceiver	M	n/a	Yes	n/a	CERDIP-8	
LT1080MJ/883	5962-8766601VA	Low Power 5V RS232 Dual Driver/Receiver	M	n/a	Yes	n/a	CERDIP-18	
LT1081MJ		Low Power 5V RS232 Dual Driver/Receiver	M	n/a	Yes	n/a	CERDIP-18	
LDO Regulators								
LT1020MJ		125mA Micropower Regulator with Comparator	M	n/a	Yes	n/a	CERDIP-14	
LT1020MJ/883		125mA Micropower Regulator with Comparator	M	n/a	Yes	n/a	CERDIP-14	
LT1120MJ8		125mA Micropower Regulator with Comparator and Shutdown	M	n/a	Yes	n/a	CERDIP-8	
LT1120MJ8/883	5962-9322401MPX	125mA Micropower Regulator with Comparator and Shutdown	M	n/a	Yes	n/a	CERDIP-8	DSCC or LT Versions Available
LM137H/883		0.5A Negative Regulator, Adjustable	M	n/a	Yes	n/a	TO-39, 3 Lead	
LT1086MH		0.5A Positive Regulator, Adjustable, Low Dropout	M	n/a	Yes	n/a	TO-39, 3 Lead	
LT1086MH/883		0.5A Positive Regulator, Adjustable, Low Dropout	M	n/a	Yes	n/a	TO-39, 3 lead	
Power Management								
LM134H/883		Constant Current Source and Temperature Sensor	M	n/a	Yes	n/a	TO-46, 3 Lead	

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References⁽³⁾								
LT1004MH-1.2		1.2V Micropower Voltage Reference, 1.2% Initial Accuracy, 20 ppm/°C (typ) Drift	M	n/a	Yes	n/a	TO-46, 2 Lead	
LT1431MJ8		Prog Reference, 2.5 to 36V Output, 0.4% Initial Accuracy, 50 ppm/°C (typ) Drift	M	n/a	Yes	n/a	CERDIP-8	
LT580UH		2.5V Precision Voltage Reference, 0.05% Initial Accuracy, 10ppm/°C Drift	M	n/a	Yes	n/a	TO-52, 3 Lead	
LT1009MH		Precision 2.5 Volt Reference, 0.2% Initial Accuracy, 35ppm/°C Drift	M	n/a	Yes	n/a	TO-46, 3 Lead	
LT1009MH/883	5962-8961001XA	Precision 2.5 Volt Reference, 0.2% Initial Accuracy, 35ppm/°C Drift	M	n/a	Yes	n/a	TO-46, 3 Lead	DSCC or LT Versions Available
LM136AH-2.5/883B		2.5V Reference, 1% Initial Accuracy, 40ppm/°C	M	n/a	Yes	n/a	TO-46, 3 Lead	
LT1004MH-2.5		2.5V Micropower Voltage Reference, 1.4% Initial Accuracy, 20 ppm/°C (typ) Drift	M	n/a	Yes	n/a	TO-46, 2 Lead	
LT1021CMH-5/883	5962-8876202GA	Precision 5 Volt Reference, 0.05% Initial Accuracy, 20ppm/°C Drift	M	n/a	Yes	n/a	TO-5, 8 Lead	DSCC or LT Versions Available
LT1029AMH		5V Bandgap Reference, 0.2% Initial Accuracy, 20ppm/°C	M	n/a	Yes	n/a	TO-46, 3 Lead	
REF02AH		5V Precision Voltage Reference, 0.3% Initial Accuracy, 8.5ppm/°C Drift	M	n/a	Yes	n/a	TO-5, 8 Lead	
REF02AJ8		5V Precision Voltage Reference, 0.3% Initial Accuracy, 8.5ppm/°C Drift	M	n/a	Yes	n/a	CERDIP-8	
LT1021BMH-5		Precision 5 Volt Reference, 1% Initial Accuracy, 5ppm/°C Drift	M	n/a	Yes	n/a	TO-5, 8 Lead	
LT1021BMH-5/883	5962-8876201GA	Precision 5 Volt Reference, 1% Initial Accuracy, 5ppm/°C Drift	M	n/a	Yes	n/a	TO-5, 8 Lead	DSCC or LT Versions Available
LT1021DMH-5 /883	5962-8876203GA	Precision 5 Volt Reference, 1% Initial Accuracy, 20ppm/°C Drift	M	n/a	Yes	n/a	TO-5, 8 Lead	DSCC or LT Versions Available
LM399AH		6.95V Shunt Reference, 2.2% Initial Accuracy, 10ppm/°C	C	Yes	n/a	n/a	TO-46, 4 Lead	SL version with 15ppm/°C over -55/125 C available
LM399H		6.95V Shunt Reference, 2.2% Initial Accuracy, 15ppm/°C	C	Yes	n/a	n/a	TO-46, 4 Lead	
LM129BH		Precision 6.9V Reference, 4.3% Initial Accuracy, 20ppm/°C Drift	M	n/a	Yes	n/a	TO-46, 2 Lead	
LH0070-2H		Precision 10 Volt Reference, 0.05% Initial Accuracy, 4ppm/°C Drift	M	n/a	Yes	n/a	TO-39, 3 Lead	
LH0070-2H/883	5962-8688203XA	Precision 10 Volt Reference, 0.05% Initial Accuracy, 4ppm/°C Drift	M	n/a	Yes	n/a	TO-39, 3 Lead	DSCC or LT Versions Available
LT1031BMH		Precision 10 Volt Reference, 0.05% Initial Accuracy, 5ppm/°C Drift	M	n/a	Yes	n/a	TO-39, 3 Lead	
LT1031BMH/883	5962-8980201XA	Precision 10 Volt Reference, 0.05% Initial Accuracy, 5ppm/°C Drift	M	n/a	Yes	n/a	TO-39, 3 Lead	DSCC or LT Versions Available
LT1021CMH-10/883	5962-8860002GA	Precision 10 Volt Reference, 0.05% Initial Accuracy, 20ppm/°C Drift	M	n/a	Yes	n/a	TO-5, 8 Lead	DSCC or LT Versions Available
LH0070-1H		Precision 10 Volt Reference, 0.1% Initial Accuracy, 9ppm/°C Drift	M	n/a	Yes	n/a	TO-39, 3 Lead	
LH0070-1H/883	5962-8688202XA	Precision 10 Volt Reference, 0.1% Initial Accuracy, 9ppm/°C Drift	M	n/a	Yes	n/a	TO-39, 3 Lead	DSCC or LT Versions Available
LT1031CMH /883	5962-8980202XA	Precision 10 Volt Reference, 0.1% Initial Accuracy, 15ppm/°C Drift	M	n/a	Yes	n/a	TO-39, 3 Lead	DSCC or LT Versions Available
LH0070-0H		Precision 10 Volt Reference, 0.1% Initial Accuracy, 18ppm/°C Drift	M	n/a	Yes	n/a	TO-39, 3 Lead	
LH0070-0H/883	5962-8688201XA	Precision 10 Volt Reference, 0.1% Initial Accuracy, 18ppm/°C Drift	M	n/a	Yes	n/a	TO-39, 3 Lead	DSCC or LT Versions Available
LT1031DMH/883	5962-8980203XA	Precision 10 Volt Reference, 0.2% Initial Accuracy, 25ppm/°C Drift	M	n/a	Yes	n/a	TO-39, 3 Lead	DSCC or LT Versions Available
LT1021BMH-10/883	5962-8860001GA	Precision 10 Volt Reference, 1% Initial Accuracy, 5ppm/°C Drift	M	n/a	Yes	n/a	TO-5, 8 Lead	DSCC or LT Versions Available
LT1021DMH-10/883	5962-8860003GA	Precision 10 Volt Reference, 1% Initial Accuracy, 20ppm/°C Drift	M	n/a	Yes	n/a	TO-5, 8 Lead	DSCC or LT Versions Available

Notes:

- Sorted by numbers of amplifiers and GBW
- Several data sheets are in the process of being updated. For all products, contact marketing for price and availability
- Sorted by reference voltage and initial accuracy