# MILITARY PLASTIC ICs

| Part Number | Description | Operating Temperature Range | T Junc. Max. | #PBF | SnPb | Gold | Package |
|---|---|---|---|---|---|---|---|
| **AMPLIFIERS** | | | | | | | |
| LT6107MPS5 | 0.2MHz, High Side Current Sense Amplifier | -55/150ºC | 150°C | ■ | ■ | | TSOT-23 |
| LTC2054MPS5 | 0.5MHz, Zero Drift Op Amp ($V_{IN}$=7V) | -55/150ºC | 150°C | ■ | ■ | | SOT-23 |
| LTC2054HVMPS5 | 0.5MHz, Zero Drift Op Amp ($V_{IN}$=12V) | -55/150ºC | 150°C | ■ | ■ | | SOT-23 |
| LT1882MPS | 1MHz, Quad Rail-to-Rail Output, Picoamp Input Precision Op Amp | -55/125ºC | 150°C | ■ | ■ | | SO-14 |
| LT1637MPS8 | 1MHz, 0.4V/us Over-The-Top uPower, RRIO Op Amp | -55/125ºC | 150°C | ■ | ■ | | SO-8 |
| LT1999MPS8-xx | 2MHz, High Voltage, Bidirectional Current Sense Amp, -10/-20/-50 gain options | -55/150ºC | 150°C | ■ | ■ | | SO-8 |
| LT1999MPMS8-xx | 2MHz, High Voltage, Bidirectional Current Sense Amp, -10/-20/-50 gain options | -55/150ºC | 150°C | ■ | ■ | | MSOP-8 |
| LT1994MPDD | 70MHz Low Noise, Low Distortion Differential In/Out Amplifier/Driver | -55/125ºC | 150°C | ■ | ■ | | DFN-8 |
| LT1112MPS8 | Dual 0.75MHz Low Power Precision, Picoamp Input Op Amp | -55/125ºC | 125°C | ■ | ■ | | SO-8 |
| LT6016MPMS8 | Dual 3.2MHz, 0.8V/µs Low Power, Over-The-Top Precision Op Amp | -55/150ºC | 150°C | ■ | ■ | | MSOP-8 |
| LT1498MPS8 | Dual 10.5MHz, 6V/us, RRIO Precision C-Load Op Amp | -55/125ºC | 150°C | ■ | ■ | | SO-8 |
| LT1124AMPS8 | Dual 12.5MHz Low Noise, High Speed Precision Op Amp | -55/125ºC | 125°C | ■ | ■ | | SO-8 |
| LT1124AMPS8-1 | Dual 12.5MHz Low Noise, High Speed Precision Op Amp (Industry Std Pinout) | -55/125ºC | 125°C | ■ | ■ | | SO-8 |
| LT6017MPJDC | Quad 3.2MHz, 0.8V/µs Low Power, Over-The-Top Precision Op Amp | -55/150ºC | 150°C | ■ | ■ | | DFN-22 |
| LT1125MPSW | Quad 12.5MHz Low Noise, High Speed Precision Op Amp | -55/125ºC | 125°C | ■ | ■ | | SOW-16 |
| **COMPARATORS** | | | | | | | |
| LT6700MPDCB-1 | Dual Micropower Comparator with 400mV Ref., 1 Inv Input, 1 Non-Inv Input | -55/125ºC | 150°C | ■ | ■ | | DFN-6 |
| LT6700MPDCB-2 | Dual Micropower Comparator with 400mV Ref., 2 Inv Inputs | -55/125ºC | 150°C | ■ | ■ | | DFN-6 |
| LT6700MPDCB-3 | Dual Micropower Comparator with 400mV Ref., 2 Non-Inv Inputs | -55/125ºC | 150°C | ■ | ■ | | DFN-6 |
| **DC-DC REGULATORS** | | | | | | | |
| LTC3260MPMSE | 100mA Low Noise Dual Supply Inverting Charge Pump | -55/150ºC | 150°C | ■ | ■ | | MSOP-16 |
| LTC3261MPMSE | 100mA High Voltage, Low Quiescent Current Inverting Charge Pump | -55/150ºC | 150°C | ■ | ■ | | MSOP-12 |
| **LTC3639MPMSE** | **100mA, 150V High Efficiency, Synchronous Step-Down Regulator** | **-55/150ºC** | **150°C** | ■ | ■ | | **MSOP-16(12)** |
| LT3511MPMS | 240mA High Voltage Isolated Flyback Converter | -55/150ºC | 150°C | ■ | ■ | | MSOP-16(12) |
| LTC3245MPMSE | 250mA Wide $V_{IN}$ Range, Low Noise, Buck-Boost Charge Pump | -55/150ºC | 150°C | ■ | ■ | | MSOP-12E |
| LT8300MPS5 | 260mA, 100$V_{IN}$ Micropower Isolated Flyback Converter | -55/150ºC | 150°C | ■ | ■ | | TSOT-23 |
| LT3512MPMS | 420mA High Voltage Isolated Flyback Converter | -55/150ºC | 150°C | ■ | ■ | | MSOP-16(12) |
| LTC3630MPDHC | 500mA, High Efficiency, 65V Synchronous Step-Down Converter | -55/150ºC | 150°C | ■ | ■ | | DFN-16 |
| LTC3630MPMSE | 500mA, High Efficiency, 65V Synchronous Step-Down Converter | -55/150ºC | 150°C | ■ | ■ | | MSOP-16(12) |
| LTC3404MPMS8 | 1A, 1.4MHz High Efficiency Monolithic Synhronous Step-Down Regulator | -55/125ºC | 125°C | ■ | ■ | | SO-8 |
| LT3480MPMSE | 2A, 200kHz-2.4MHz Step-Down Switching Regulator with 70µA Quiescent Current | -55/150ºC | 150°C | ■ | ■ | | MSOP-10 |
| LT3580MPMS8E | 2A, 200kHz-2.5MHz, Boost/Inverting DC-DC Converter with Soft-Start and External Sync | -55/125ºC | 125°C | ■ | ■ | | MSOP-8 |
| **LTC3115MPFE-1** | **2A, 40V Synchronous Buck-Boost DC/DC Converter** | **-55/150ºC** | **150°C** | ■ | ■ | | **TSSOP-20E** |
| LTC3412AMPFE | 3A, 4MHz, Monolithic Synchronous Step-Down Regulator | -55/125ºC | 125°C | ■ | ■ | | TSSOP-16 |
| LTC3414MPFE | 4A, 4MHz, Monolithic Synchronous Step-Down Regulator | -55/125ºC | 125°C | ■ | ■ | | TSSOP-20 |
| LT3690MPUFE | 4A, 1.5MHz Synchronous Step-Down Switching Regulator with 70µA Quiescent Current | -55/150ºC | 150°C | ■ | ■ | | QFN-26 |
| **µMODULE REGULATORS** | | | | | | | |
| LTM8020MPV#PBF | 200mA, 36VIN DC/DC µModule | -55/125ºC | 125°C | | | ■ | LGA-21 |
| LTM8047MPY#PBF | 440mA (1.5W), 32VIN Isolated µModule DC/DC Converter | -55/125ºC | 125°C | ■ | | | BGA-45 |
| LTM8048MPY#PBF | 440mA (1.5W), 32VIN Isolated µModule DC/DC Converter with Low Noise LDO Post Regula | -55/125ºC | 125°C | ■ | | | BGA-45 |
| LTM8029MPY#PBF | 600mA, 36V VIN, Step-Down µModule Converter with 5µA Quiescent Current | -55/125ºC | 125°C | ■ | | | BGA-35 |
| LTM8045MPY#PBF | 700mA, 18VIN Inverting / SEPIC µModule Regulator | -55/125ºC | 125°C | ■ | | | BGA-40 |
| LTM8022MPV#PBF | 1A, 36V VIN, DC/DC µModule | -55/125ºC | 125°C | | | ■ | LGA-50 |
| LTM8031MPV#PBF | 1A, 36V VIN Ultralow Noise EMC DC/DC µModule Regulator | -55/125ºC | 125°C | | | ■ | LGA-71 |
| LTM8023MPV#PBF | 2A, 36V VIN, DC/DC µModule | -55/125ºC | 125°C | | | ■ | LGA-50 |
| LTM8023MPY#PBF | 2A, 36V VIN, DC/DC µModule | -55/125ºC | 125°C | ■ | | | BGA-50 |
| LTM8032MPV#PBF | 2A, 36VIN, DC/DC uModule, Ultra Low Noise, EMC Compliant | -55/125ºC | 125°C | | | ■ | LGA-71 |
| LTM8032MPY#PBF | 2A, 36VIN, DC/DC uModule, Ultra Low Noise, EMC Compliant | -55/125ºC | 125°C | ■ | | | BGA-71 |
| LTM8025MPV#PBF | 3A, 36V VIN, DC/DC µModule | -55/125ºC | 125°C | | | ■ | LGA-70 |
| LTM8033MPV#PBF | 3A, 36VIN, DC/DC uModule, Ultra Low Noise, EMC Compliant | -55/125ºC | 125°C | | | ■ | LGA-76 |
| LTM4609MPV#PBF | 4A, 36V VIN, 34$V_{OUT}$, Buck/Boost DC/DC µModule (10A in Buck Mode) | -55/125ºC | 125°C | | | ■ | LGA-141 |
| LTM4609MPY#PBF | 4A, 36V VIN, 34$V_{OUT}$, Buck/Boost DC/DC µModule (10A in Buck Mode) | -55/125ºC | 125°C | ■ | | | BGA-141 |
| LTM8027MPV#PBF | 4A, 60$V_{IN}$, 24$V_{OUT}$, DC/DC Step Down Regulator | -55/125ºC | 125°C | | | ■ | LGA-113 |
| LTM4612MPV#PBF | 5A Ultra-Low Noise 36V VIN, 12$V_{OUT}$, DC/DC µModule | -55/125ºC | 125°C | | | ■ | LGA-133 |
| LTM8026MPV#PBF | 5A, 36VIN, CVCC Step-Down µModule Regulator | -55/125ºC | 125°C | | | ■ | LGA-81 |
| **LTM8028MPY#PBF** | **5A, 36VIN, Low Output Noise µModule Regulator** | **-55/125ºC** | **125°C** | ■ | | | **BGA-114** |
| LTM8001MPY#PBF | 1.1A x 5, 36VIN, LDO Linear µModule Regulator | -55/125ºC | 125°C | ■ | | | BGA-121 |
| LTM4606MPV#PBF | 6A Ultra-Low Noise 18V VIN 5$V_{OUT}$, DC/DC µModule | -55/125ºC | 125°C | | | ■ | LGA-133 |
| LTM4608AMPV#PBF | 8A, 2.4V to 5.5V VIN DC/DC µModule with Tracking, Margining, Multiphase | -55/125ºC | 125°C | | | ■ | LGA-68 |
| LTM4613MPV#PBF | 8A EN55022B Compliant 36VIN, 15VOUT, DC/DC µModule Regulator | -55/125ºC | 125°C | | | ■ | LGA-133 |
| LTM4600HVMPV#PBF | 10A, 28V VIN, DC/DC µModule | -55/125ºC | 125°C | | | ■ | LGA-104 |
| LTM4641MPY#PBF | 10A, 38VIN, DC/DC µModule with Advanced Input and Load Protection | -55/125ºC | 125°C | ■ | | | BGA-144 |
| LTM4601AHVMPV#PBF | 12A, 28V VIN, DC/DC µModule, with PLL, Tracking & Margining | -55/125ºC | 125°C | | | ■ | LGA-133 |
| LTM4601AHVMPY#PBF | 12A, 28V VIN, DC/DC µModule, with PLL, Tracking & Margining | -55/125ºC | 125°C | ■ | | | BGA-133 |
| LTM4627MPY#PBF | 15A, 20V VIN, DC/DC µModule Regulator with Overcurrent Foldback Protection | -55/125ºC | 125°C | ■ | | | BGA-133 |
| LTM4616MPV#PBF | Dual 8A per Channel Low VIN DC/DC µModule | -55/125ºC | 125°C | | | ■ | LGA-144 |



MP grade products are 100% tested and guaranteed
for operation over the operating temperature range specified.

# MILITARY PLASTIC ICs

| Part Number | Description | Operating Temperature Range | T Junc. Max. | #PBF | SnPb | Gold | Package |
|---|---|---|---|---|---|---|---|
| LTM4616MPY#PBF | Dual 8A per Channel Low VIN DC/DC µModule | -55/125ºC | 125°C | ■ | | | BGA-144 |
| **DC-DC CONTROLLERS** | | | | | | | |
| **BUCK CONTROLLERS** | | | | | | | |
| LT3845MPFE | 10A, High Voltage Sync Current Mode Step-Down Controller (adj freq) | -55/125ºC | 125°C | ■ | ■ | | TSSOP-16 |
| LT3845AMPFE | 10A, High Voltage Sync Current Mode Step-Down Controller (adj freq) | -55/125ºC | 125°C | ■ | ■ | | TSSOP-16 |
| LTC3824MPMSE | 10A, High Voltage Step-Down Controller With 40µA Quiescent Current | -55/150ºC | 150°C | ■ | ■ | | MSOP-10E |
| LTC3891MPUDC | 10A, Low IQ, 60V Synchronous Step-Down Controller | -55/150ºC | 150°C | ■ | ■ | | QFN-20 |
| LTC3891MPFE | 10A, Low IQ, 60V Synchronous Step-Down Controller | -55/150ºC | 150°C | ■ | ■ | | TSSOP-20 |
| LTC3864MPDE#PBF | 25A, 60V Low IQ Step-Down DC/DC Controller with 100% Duty Cycle Capability | -55/150ºC | 150°C | ■ | ■ | | DFN-12 |
| LTC3864MPMSE#PBF | 25A, 60V Low IQ Step-Down DC/DC Controller with 100% Duty Cycle Capability | -55/150ºC | 150°C | ■ | ■ | | MSOP-12 |
| LTC3851AMPMSE | 25A, Synchronous Step-Down Switching Regulator Controller | -55/150ºC | 150°C | ■ | ■ | | MSOP-16E |
| LTC3851AMPMSE-1 | 25A, Synchronous Step-Down Switching Regulator Controller with PG and precision referenc | -55/150ºC | 150°C | ■ | ■ | | MSOP-16E |
| **MULTI-TOPOLOGY & INVERTING CONTROLLERS** | | | | | | | |
| LTC3803MPS6 | 2A, Constant Freq Current Mode Flyback DC/DC Controllers, 200kHz, 8.7V turn on | -55/150ºC | 150°C | ■ | ■ | | TSOT-23 |
| LTC3803MPS6-3 | 2A, Constant Freq Current Mode Flyback DC/DC Controllers, 300kHz, 8.7V turn on | -55/150ºC | 150°C | ■ | ■ | | TSOT-23 |
| LTC3803MPS6-5 | 2A, Constant Freq Current Mode Flyback DC/DC Controllers, 200kHz, 4.8V turn on | -55/150ºC | 150°C | ■ | ■ | | TSOT-23 |
| LT3724MPFE | 5A, High Voltage, Current Mode Switching Regulator Controller (75W) | -55/125ºC | 125°C | ■ | ■ | | TSSOP-16 |
| LTC3805MPMSE | 10A, Adjustable Frequency Current Mode Flyback/Boost/SEPIC DC/DC Controller | -55/150ºC | 150°C | ■ | ■ | | MSOP-10E |
| LTC3805MPMSE-5 | 10A, Adjustable Frequency Current Mode Flyback/Boost/SEPIC DC/DC Controller | -55/150ºC | 150°C | ■ | ■ | | MSOP-10E |
| LT3757MPMSE | 25A, Boost, Flyback, SEPIC and Inverting Controller | -55/150ºC | 150°C | ■ | ■ | | MSOP-10E |
| LT3757AMPMSE | 25A, Boost, Flyback, SEPIC and Inverting Controller | -55/150ºC | 150°C | ■ | ■ | | MSOP-10E |
| LT3758MPMSE | 25A, High Input Voltage, Boost, Flyback, SEPIC and Inverting Controller | -55/150ºC | 150°C | ■ | ■ | | MSOP-10E |
| LT3758AMPMSE | 25A, High Input Voltage, Boost, Flyback, SEPIC and Inverting Controller | -55/150ºC | 150°C | ■ | ■ | | MSOP-10E |
| LTC3863MPMSE | 25A, 60V Low IQ Inverting DC/DC Controller | -55/150ºC | 150°C | ■ | ■ | | MSOP-12E |
| LTC3863MPDE | 25A, 60V Low IQ Inverting DC/DC Controller | -55/150ºC | 150°C | ■ | ■ | | DFN-12 |
| LT3798MPMSE | Isolated No Opto-Coupler Flyback Controller with Active PFC | -55/150ºC | 150°C | ■ | ■ | | MSOP-16 |
| **FORWARD CONTROLLERS** | | | | | | | |
| LT1952MPGN | 10A, Single Switch Synchronous Forward Controller | -55/125ºC | 125°C | ■ | ■ | | SSOP-16 |
| LT1952MPGN-1 | 10A, Single Switch Synchronous Forward Controller | -55/125ºC | 125°C | ■ | ■ | | SSOP-16 |
| LTC3765MPMSE | Active Clamp Forward Controller and Gate Driver | -55/150ºC | 150°C | ■ | ■ | | MSOP-16 |
| LTC3766MPGN | High Efficiency, Secondary-Side Synchronous Forward Controller | -55/150ºC | 150°C | ■ | ■ | | SSOP-28 |
| LTC3766MPUFD | High Efficiency, Secondary-Side Synchronous Forward Controller | -55/150ºC | 150°C | ■ | ■ | | QFN-28 |
| LTC3900MPS8 | Synchronous Rectifier Driver for Forward Converters | -55/150ºC | 150°C | ■ | ■ | | SO-8 |
| **BOOST CONTROLLERS** | | | | | | | |
| LTC3787MPUFD | 30A, PolyPhase Synchronous Boost Controller | -55/150ºC | 150°C | ■ | ■ | | QFN-28 |
| LTC3787MPGN | 30A, PolyPhase Synchronous Boost Controller | -55/150ºC | 150°C | ■ | ■ | | SSOP-28 |
| **BUCK-BOOST CONTROLLERS** | | | | | | | |
| LTC3791MPFE | 25A, 60V 4-Switch Synchronous Buck-Boost LED Driver Controller | -55/150ºC | 150°C | ■ | | | TSSOP-38 |
| LTC3791MPFE-1 | 25A, 60V 4-Switch Synchronous Buck-Boost Controller | -55/150ºC | 150°C | ■ | | | TSSOP-38 |
| LTC3780MPG | High Efficiency, Synchronous, 4-Switch Buck-Boost Controller | -55/125ºC | 125°C | ■ | ■ | | SSOP-24 |
| LTC3780MPUH | High Efficiency, Synchronous, 4-Switch Buck-Boost Controller | -55/125ºC | 125°C | ■ | ■ | | QFN-32 |
| **MULTIPLE OUTPUT CONTROLLERS** | | | | | | | |
| LTC3890MPUH | 25A, Dual, 60V Low IQ, 2-Phase Synchronous Step-Down DC/DC Controller | -55/150ºC | 150°C | ■ | ■ | | QFN-32 |
| LTC3890MPGN-1 | 25A, Dual, 60V Low IQ, 2-Phase Synchronous Step-Down DC/DC Controller | -55/150ºC | 150°C | ■ | ■ | | SSOP-28 |
| LTC3890MPUH-2 | 25A, Dual, 60V Low IQ, 2-Phase Synchronous Step-Down DC/DC Controller | -55/150ºC | 150°C | ■ | ■ | | QFN-32 |
| LTC3890MPGN-3 | 25A, Dual, 60V Low IQ, 2-Phase Synchronous Step-Down DC/DC Controller | -55/150ºC | 150°C | ■ | ■ | | SSOP-28 |
| LTC3859AMPUHF | 25A,Triple Output, Low IQ, Buck/Buck/Boost Synchronous Controller | -55/150ºC | 150°C | ■ | ■ | | QFN-38 |
| LTC3859AMPFE | 25A,Triple Output, Low IQ, Buck/Buck/Boost Synchronous Controller | -55/150ºC | 150°C | ■ | ■ | | TSSOP-38 |
| LTC3859ALMPUHF | 25A, Triple Output, Buck/Buck/Boost Sync Controller with 28µA Burst Mode IQ | -55/150ºC | 150°C | ■ | ■ | | QFN-38 |
| LTC3859ALMPFE | 25A, Triple Output, Buck/Buck/Boost Sync Controller with 28µA Burst Mode IQ | -55/150ºC | 150°C | ■ | ■ | | TSSOP-38 |
| **OPTOCOUPLER DRIVER** | | | | | | | |
| LTC4430MPS6 | Secondary-Side Optocoupler Driver | -55/150ºC | 150°C | ■ | ■ | | TSOT-23 |
| **LINEAR REGULATORS** | | | | | | | |
| **POSITIVE VOLTAGE REGULATORS** | | | | | | | |
| LT3008MPTS8 | 20mA, 45V, 3µA IQ, LDO Regulator (Adjustable) | -55/125ºC | 125°C | ■ | ■ | | TSOT-23 |
| LT3008MPTS8-x.x | 20mA, 45V, 3µA IQ, LDO Regulator (1.2V, 1.5V, 1.8V, 2.5V, 3.3V, 5.0V) | -55/125ºC | 125°C | ■ | ■ | | TSOT-23 |
| LT3010MPMS8E | 50mA, 3V to 80V Low Dropout Micropower Regulator (Adjustable) | -55/125ºC | 125°C | ■ | ■ | | MSOP-8 |
| LT3010MPMS8E-5 | 50mA, 3V to 80V Low Dropout Micropower Regulator (5V) | -55/125ºC | 125°C | ■ | ■ | | MSOP-8 |
| LT1761MPS5-1.8 | 100mA, Low Noise, LDO Micropower Regulator (1.8V) | -55/125ºC | 125°C | ■ | ■ | | SOT-23 |
| LT1761MPS5-3.3 | 100mA, Low Noise, LDO Micropower Regulator (3.3V) | -55/125ºC | 125°C | ■ | ■ | | SOT-23 |
| LT1761MPS5-5 | 100mA, Low Noise, LDO Micropower Regulator (5V) | -55/125ºC | 125°C | ■ | ■ | | SOT-23 |
| LT3050MPMSE-3.3 | 100mA, Low Noise LDO Regulator with Precision Current Limit (3.3V) | -55/125ºC | 125°C | ■ | ■ | | MSOP-12 |
| LT3050MPMSE-5 | 100mA, Low Noise LDO Regulator with Precision Current Limit (5V) | -55/125ºC | 125°C | ■ | ■ | | MSOP-12 |
| LT3050MPMSE | 100mA, Low Noise LDO Regulator with Precision Current Limit (Adjustable) | -55/125ºC | 125°C | ■ | ■ | | MSOP-12 |
| LT3060MPTS8 | 100mA 45V VIN, Micropower, Low Noise, LDO Regulator (Adjustable) | -55/150ºC | 150°C | ■ | ■ | | TSOT-23 |
| LT3060MPTS8-x.x | 100mA 45V VIN, Micropower, Low Noise, LDO Reg (1.2, 1.5, 1.8, 2.5, 3.3, 5.0V) | -55/150ºC | 150°C | ■ | ■ | | TSOT-23 |
| LT3082MPST | 200mA Low Noise, Single Resistor, Adjustable LDO Regulator | -55/125ºC | 125°C | ■ | ■ | | SOT-223 |



MP grade products are 100% tested and guaranteed
for operation over the operating temperature range specified.

## MILITARY PLASTIC ICs

| Part Number | Description | Operating Temperature Range | T Junc. Max. | #PBF | SnPb | Gold | Package |
|---|---|---|---|---|---|---|---|
| LT3013MPFE | 250mA, 4V to 80V Low Dropout Micropower Linear Regulator with PWRGD | -55/125ºC | 125°C | ■ | ■ | | TSSOP-16 |
| LT1763MPS8 | 500mA, Low Noise, LDO Micropower Regulator (Adjustable) | -55/125ºC | 125°C | ■ | ■ | | SO-8 |
| LT1763MPDE-x.x | 500mA, Low Noise, LDO Micropower Reg (1.5V, 1.8V, 2.5V, 3V, 3.3V, 5V) | -55/125ºC | 125°C | ■ | ■ | | DFN-12 |
| LT1763MPDE | 500mA, Low Noise, LDO Micropower Regulator (Adjustable) | -55/125ºC | 125°C | ■ | ■ | | DFN-12 |
| LT3085MPMS8E | 500mA Adjustable Low Dropout Regulator | -55/125ºC | 125°C | ■ | ■ | | MSOP-8 |
| LT1129MPST-3.3 | 700mA Low Dropout Regulator with Shutdown | -55/125ºC | 125°C | ■ | ■ | | SOT-223 |
| LT3030MPFE | Dual 750mA/250mA, Low Noise Low Dropout Linear Regulator | -55/150ºC | 150°C | ■ | ■ | | TSSOP-20E |
| LT3029MPMSE | Dual 500mA Low Dropout Regulator, Low Noise, Micropower Regulator | -55/125ºC | 125°C | ■ | ■ | | MSOP-16 |
| LT1963AMPQ | 1.5A, Low Noise, Fast Transient Response LDO Regulator | -55/125ºC | 125°C | ■ | ■ | | DD-5 |
| LT1963AMPS8 | 1.5A, Low Noise, Fast Transient Response LDO Regulator | -55/125ºC | 125°C | ■ | ■ | | SO-8 |
| LT1764AMPQ | 3A, Fast Transient Response, Low Noise, LDO Regulator | -55/125ºC | 125°C | ■ | ■ | | TO-220 |
| LT3083MPDF | 3A Single-Resistor Programmable Adjustable LDO | -55/125ºC | 125°C | ■ | ■ | | DFN-12 |
| LT3083MPFE | 3A Single-Resistor Programmable Adjustable LDO | -55/125ºC | 125°C | ■ | ■ | | TSSOP-16 |
| LT3083MPQ | 3A Single-Resistor Programmable Adjustable LDO | -55/125ºC | 125°C | ■ | ■ | | DD-Pak |
| LT3083MPT | 3A Single-Resistor Programmable Adjustable LDO | -55/125ºC | 125°C | ■ | ■ | | TO-220 |
| LT3070MPUFD | 5A, Low Noise, Programmable Output, 85mV Dropout Linear Regulator | -55/125ºC | 125°C | ■ | ■ | | QFN-28 |
| LT3071MPUFD | 5A, Low Noise, Prog Output, 85mV LDO Regulator with Analog Margining | -55/125ºC | 125°C | ■ | ■ | | QFN-28 |
| **NEGATIVE VOLTAGE REGULATORS** | | | | | | | |
| LT1175MPS8 | 500mA Negative Low Dropout Micropower Regulator (Adjustable output) | -55/125ºC | 125°C | ■ | ■ | | SO-8 |
| LT1175MPS8-5 | 500mA Negative Low Dropout Micropower Regulator (Fixed 5V output) | -55/125ºC | 125°C | ■ | ■ | | SO-8 |
| LT1175MPQ | 500mA Negative Low Dropout Micropower Regulator (Adjustable output) | -55/125ºC | 125°C | ■ | ■ | | DD-5 |
| LT1175MPQ-5 | 500mA Negative Low Dropout Micropower Regulator (Fixed 5V output) | -55/125ºC | 125°C | ■ | ■ | | DD-5 |
| LT3015MPMSE-x.x | 1.5A, Low Noise, Negative Linear Regulator with Precision Current Limit | -55/125ºC | 125°C | ■ | ■ | | MSOP-12E |
| LT3015MPQ-x.x | 1.5A, Low Noise, Negative Linear Regulator with Precision Current Limit | -55/125ºC | 125°C | ■ | ■ | | DD-Pak |
| **COMBINED POSITIVE AND NEGATIVE VOLTAGE REGULATORS** | | | | | | | |
| LT3032MPDE-x | Dual 150mA Positive/Negative Low Noise Low Dropout Linear Regulator (-5, -12, -15) | -55/125ºC | 125°C | ■ | ■ | | DFN-14 |
| LT3032MPDE | Dual 150mA Positive/Negative Low Noise Low Dropout Linear Regulator (Adjustable) | -55/125ºC | 125°C | ■ | ■ | | DFN-14 |
| OSCILLATOR AND TIMING | | | | | | | |
| LTC6904MPMS8 | 1kHz to 68MHz Serial Port Programmable Oscillator | -55/125ºC | 125°C | ■ | ■ | | MSOP-8 |
| LTC6905MPS5 | 17MHz to 170MHz Resistor Set SOT-23 Oscillator | -55/125ºC | 125°C | ■ | ■ | | SOT-23 |
| LTC6990MPS6 | Voltage Controlled Silicon Oscillator | -55/125ºC | 150°C | ■ | ■ | | SOT-23 |
| LTC6991MPS6 | Resettable, Low Frequency Oscillator | -55/125ºC | 150°C | ■ | ■ | | SOT-23 |
| LTC6992MPS6-x | Voltage-Controlled Pulse Width Modulator (PWM) | -55/125ºC | 150°C | ■ | ■ | | SOT-23 |
| LTC6993MPS6-x | Monostable Pulse Generator (One Shot) | -55/125ºC | 150°C | ■ | ■ | | SOT-23 |
| LTC6994MPS6-x | Delay Block/ Debouncer | -55/125ºC | 150°C | ■ | ■ | | SOT-23 |
| LTC6995MPS6-x | Long Timer, Low Frequency Oscillator | -55/125ºC | 150°C | ■ | ■ | | SOT-23 |
| POWER MANAGEMENT | | | | | | | |
| LT3092MPST | 200mA Two-Terminal Programmable Current Source | -55/125ºC | 125°C | ■ | ■ | | SOT-223 |
| LT4180MPGN | Virtual Remote Sense Controller | -55/125ºC | 125°C | ■ | ■ | | SSOP-24 |
| LT4356MPS-1 | Overvoltage Protection Regulator and Inrush Limiter | -55/125ºC | 125°C | ■ | ■ | | SO-16 |
| LT4356MPS-2 | Overvoltage Protection Regulator and Inrush Limiter with Auxiliary Amplifier | -55/125ºC | 125°C | ■ | ■ | | SO-16 |
| LT4356MPMS-1 | Overvoltage Protection Regulator and Inrush Limiter | -55/125ºC | 125°C | ■ | ■ | | MSOP-10 |
| LT4356MPS-3 | Overvoltage Protection Regulator with Fault Latchoff | -55/125ºC | 125°C | ■ | ■ | | SO-16 |
| LT4356MPMS-3 | Overvoltage Protection Regulator with Fault Latchoff | -55/125ºC | 125°C | ■ | ■ | | MSOP-10 |
| LTC4357MPMS8 | Positive High Voltage Ideal Diode Controller | -55/125ºC | 125°C | ■ | ■ | | MSOP-8 |
| LTC4366MPDDB-1 | High Voltage Surge Stopper with Latchoff | -55/125ºC | 125°C | ■ | ■ | | DFN-8 |
| LTC4366MPDDB-2 | High Voltage Surge Stopper with Auto-Retry | -55/125ºC | 125°C | ■ | ■ | | DFN-8 |
| LTC4366MPTS8-1 | High Voltage Surge Stopper with Latchoff | -55/125ºC | 125°C | ■ | ■ | | TSOT-23 |
| LTC4366MPTS8-2 | High Voltage Surge Stopper with Auto-Retry | -55/125ºC | 125°C | ■ | ■ | | TSOT-23 |
| LTC4441MPMSE | N-Channel MOSFET Gate Driver | -55/125ºC | 125°C | ■ | ■ | | MSOP-10 |
| LTC4444MPMS8E | High Voltage Sync N-Channel MOSFET Driver (MOSFET gate drive 7.2-13.5V) | -55/150ºC | 150°C | ■ | ■ | | MSOP-8 |
| LTC4444MPMS8E-5 | High Voltage Sync N-Channel MOSFET Driver (MOSFET gate drive 4.5-13.5V) | -55/150ºC | 150°C | ■ | ■ | | MSOP-8 |
| VOLTAGE REFERENCES | | | | | | | |
| LT1431MPS8 | Programmable Reference | -55/125ºC | 150°C | ■ | ■ | | SO-8 |
| LT6654AMPS6-x.x | Precision Wide Supply High O/P Drive Low Noise Ref. (1.25, 2.048, 2.5, 3, 3.3, 4.096, 5V) | -55/125ºC | 125°C | ■ | ■ | | TSOT-23 |
| LT6654BMPS6-x.x | Precision Wide Supply High O/P Drive Low Noise Ref. (1.25, 2.048, 2.5, 3, 3.3, 4.096, 5V) | -55/125ºC | 125°C | ■ | ■ | | TSOT-23 |



MP grade products are 100% tested and guaranteed
for operation over the operating temperature range specified.

# MILITARY PLASTIC ICs

| Part Number | Description | Operating Temperature Range | T Junc. Max. | #PBF | SnPb | Gold | Package |
|---|---|---|---|---|---|---|---|
| **INTERFACE** | | | | | | | |
| LTC2850MPDD | 3.3V 20Mbps RS485/RS422 Transceiver, Half Duplex with Enables | -55/125ºC | 150°C | ■ | ■ | | DFN-8 |
| LTC2850MPMS8 | 3.3V 20Mbps RS485/RS422 Transceiver, Half Duplex with Enables | -55/125ºC | 150°C | ■ | ■ | | MSOP-8 |
| LTC2850MPS8 | 3.3V 20Mbps RS485/RS422 Transceiver, Half Duplex with Enables | -55/125ºC | 150°C | ■ | ■ | | SO-8 |
| LTC2851MPDD | 3.3V 20Mbps RS485/RS422 Transceiver, Full Duplex, No Enables | -55/125ºC | 150°C | ■ | ■ | | DFN-8 |
| LTC2851MPMS8 | 3.3V 20Mbps RS485/RS422 Transceiver, Full Duplex, No Enables | -55/125ºC | 150°C | ■ | ■ | | MSOP-8 |
| LTC2851MPS8 | 3.3V 20Mbps RS485/RS422 Transceiver, Full Duplex, No Enables | -55/125ºC | 150°C | ■ | ■ | | SO-8 |
| LTC2852MPDD | 3.3V 20Mbps RS485/RS422 Transceiver, Full Duplex with Enables | -55/125ºC | 150°C | ■ | ■ | | DFN-10 |
| LTC2852MPMS | 3.3V 20Mbps RS485/RS422 Transceiver, Full Duplex with Enables | -55/125ºC | 150°C | ■ | ■ | | MSOP-10 |
| LTC2852MPS | 3.3V 20Mbps RS485/RS422 Transceiver, Full Duplex with Enables | -55/125ºC | 150°C | ■ | ■ | | SO-14 |
| LTC2862MPS8-1/-2 | ±60V Fault Protected 3V to 5.5V RS485/RS422 Transceivers | -55/125ºC | 150°C | ■ | ■ | | SO-8 |
| LTC2863MPS8-1/-2 | ±60V Fault Protected 3V to 5.5V RS485/RS422 Transceivers | -55/125ºC | 150°C | ■ | ■ | | SO-8 |
| LTC2864MPS-1/-2 | ±60V Fault Protected 3V to 5.5V RS485/RS422 Transceivers | -55/125ºC | 150°C | ■ | ■ | | SO-14 |
| LTM2881MPY-3 | 3.3V 20Mbps Complete Isolated RS485/RS422 µModule Transceiver + Power | -55/105ºC | 125°C | ■ | | | BGA-32 |
| LTM2881MPY-5 | 5V 20Mbps Complete Isolated RS485/RS422 µModule Transceiver + Power | -55/105ºC | 125°C | ■ | | | BGA-32 |
| LTM2882MPY-3 | 3.3V 1Mbps Dual Isolated RS232 µModule Transceiver + Power | -55/105ºC | 125°C | ■ | | | BGA-32 |
| LTM2882MPY-5 | 5V 1Mbps Dual Isolated RS232 µModule Transceiver + Power | -55/105ºC | 125°C | ■ | | | BGA-32 |
| **RMS to DC CONVERSION** | | | | | | | |
| LTC1966MPMS8 | Precision Micropower, Delta Sigma RMS-to-DC Converter | -55/125ºC | 150°C | ■ | ■ | | SO-8 |
| **DATA CONVERSION** | | | | | | | |
| LTC1867AIGN#3ALPBF | 200ksps, 16-bit, 8-input ADC, screened for extended temperature range operation | -55/125ºC | 125°C | ■ | | | SSOP-16 |
| LTC2209IUP#3FV | 180Msps selected version of the 160Msps, 16-bit ADC, specified to -55ºC | -55/85ºC | | ■ | ■ | | QFN-64 |
| **PRECISION RESISTOR NETWORKS** | | | | | | | |
| LT5400BMPMS8E-1 | Quad independent matched resistors, 0.025%, 10Ω:10kΩ | -55/150ºC | 150°C | ■ | ■ | | MSOP-8 |
| LT5400BMPMS8E-2 | Quad independent matched resistors, 0.025%, 100kΩ:100kΩ | -55/150ºC | 150°C | ■ | ■ | | MSOP-8 |
| LT5400BMPMS8E-3 | Quad independent matched resistors, 0.025%, 10kΩ:100kΩ | -55/150ºC | 150°C | ■ | ■ | | MSOP-8 |
| LT5400BMPMS8E-4 | Quad independent matched resistors, 0.025%, 1kΩ:1kΩ | -55/150ºC | 150°C | ■ | ■ | | MSOP-8 |
| LT5400BMPMS8E-6 | Quad independent matched resistors, 0.025%, 1kΩ:5kΩ | -55/150ºC | 150°C | ■ | ■ | | MSOP-8 |
| LT5400BMPMS8E-7 | Quad independent matched resistors, 0.025%, 1.25kΩ:5kΩ | -55/150ºC | 150°C | ■ | ■ | | MSOP-8 |



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