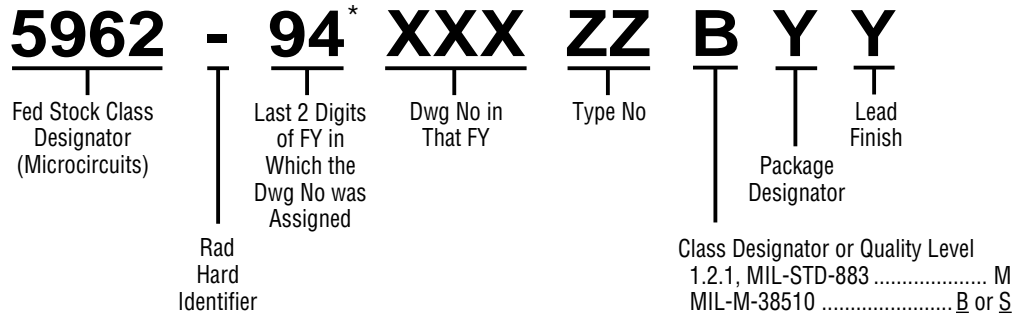


**Microcircuit Part Numbering System**



\* For existing MIL-M-38510 associated detail specification sheet, the "Last 2 Digits of FY" and drawing number will consist of first two digits of MIL-M-38510 (i.e., 38) followed by the three digit identifier assigned to the detail sheet (i.e., g/339).

**Operational Amplifiers**

<b>Generic</b>	<b>SMD 5962-</b>
LT <sup>®</sup> 1001AMH, J8	8773803GA, PA
LT1001MH, J8	8773801GA, PA
LT1002AMJ	8771501CA
LT1006AMH, J8	8993301MGA, PA
LT1006MH, J8	8993302MGA, PA
LT1007AMH, J8	8757801GA, PA
LT1012AMH, D	9084202MGA, PA
LT1012MH, D	9084201MGA, PA
LT1013AMH, J8	8876001GA, PA
LT1013MH, J8	8876002GA, PA
LT1014AMJ	8967701CA
LT1014MJ	8967702CA
LT1014MW	8967702XA
LT1028AMH, J8	8862202GA, PA
LT1028MH, J8	8862201GA, PA
LT1037AMH, J8	8856701GA, PA
LT1055AMH	8997601GA
LT1055MH	8997603GA
LT1056AMH	8997602GA
LT1056MH	8997604GA
LT1057AMH, J8	9081701MGA, PA
LT1057MH, J8	9081702MGA, PA
LT1058AMJ, L	8989701CA, XA
LT1058MJ	8989702CA
LT1078AMH	9163204MGA
LT1078AMJ8	9163206MGA
LT1078MH	9163203MGA
LT1078MJ8	9163203MPA
LT1079AMJ	9163202MCA
LT1079MJ	9163201MCA
LT1124AMJ8	9323804MPA
LT1124MJ8	9323802MPA
LT1125AMJ	9323803MCA
LT1125MJ	9323801MCA
LT1172MJ8	9207901MPA
LTC1051MH, J8	9460001MGA, PA
LTC1051AMH, J8	9460002MGA, PA
LTC1052MJ8, H, J	8978201PA, GA, CA
<b>High Speed Op Amps</b>	
<b>Generic</b>	<b>SMD 5962-</b>
LT1022AMH	8962201GA
LT1022MH	8962202GA
LT1028AMH, J8	8862202GA, PA
LT1028MH, J8	8862201GA, PA
LT1037AMH, J8	8856701GA, PA
LT1056AMH	8997602GA
LT1056MH	8997604GA
LT1057AMH, J8	9081701MGA, PA
LT1057MH, J8	9081702MGA, PA
LT1058AMJ, L	8989701CA, XA
LT1058MJ	8989702CA
LT118AMJ8	9451601MPA

LT1229MJ8	9318401MPA
LT1230MJ	9318402MCA
<b>Buffer Amplifiers</b>	
<b>Generic</b>	<b>SMD 5962-</b>
LT1010MH, K	8856201XA, YA
<b>Analog-to-Digital Converters</b>	
<b>Generic</b>	<b>SMD 5962-</b>
LTC <sup>®</sup> 1291CMJ8	9305701MPA
LTC1292CMJ8	9305702MPA
LTC1293CMJ	9305703MEA
LTC1294CMJ	9305704MRA
<b>Regulators</b>	
<b>Generic</b>	<b>SMD 5962-</b>
LT1003MK	8987301XA
LT1020MJ	9084101MCA
LT1033MK	8874101XA
LT1076HVMK	9311902MYA
LT1076MK	9311901MYA
LT1083MK-5	9073901MXA
LT1084MK	8952101XA
LT1084MK-5	9073902MXXA
LT1085MK	8864601XA
LT1085MK-5	9073903MXXA
LT1086MK, H	8998101XA, YA
LT1086MK-5	9073904MXXA
LT1120MJ8	9322401MPA
LT1185MK	9469501MXXA
<b>References</b>	
<b>Generic</b>	<b>SMD 5962-</b>
LT1004MH-1.2	8859701XA
LT1004MH-2.5	8859702XA
LT1009MH	8961001XA
LT1019AMH-10	9059501GA
LT1019AMH-5	9059502GA
LT1019AMH-4.5	9059503GA
LT1019AMH-2.5	9059504GA
LT1019MH-10	9059505GA
LT1019MH-5	9059506GA
LT1019MH-4.5	9059507GA
LT1019MH-2.5	9059508GA
LT1021BMH-10	8860001GA
LT1021BMH-5	8876201GA
LT1021BMH-7	8864701GA
LT1021CMH-10	8860002GA
LT1021CMH-5	8876202GA
LT1021DMH-10	8860003GA
LT1021DMH-5	8876203GA
LT1021DMH-7	8864702GA
LT1029AMH	9051901XA
LT1029MH	9051902XA
LT1031BMH	8980201XA

LT1031CMH	8980202XA
LT1031DMH	8980203XA
LT580SH	8686101XA
LT580TH	8686102XA
<b>Comparators</b>	
<b>Generic</b>	<b>SMD 5962-</b>
LT1010MH, K	8856201XA, YA
LT1011AMH, J8	9062701GA, PA
LT1011MH, J8	9062702GA, PA
LT1016MH, J8	8684501IA, PA
LT1017MH, J8	8950401GA, PA
LT1018MH, J8	8950402GA, PA
LTC1041MJ8	9470901MPA
<b>Switching Regulators</b>	
<b>Generic</b>	<b>SMD 5962-</b>
LT1070HVMK	9082504MYA
LT1070MK	9082501MYA
LT1071HVMK	9082505MYA
LT1071MK	9082502MYA
LT1072HVMK	9082506MYA
LT1072MJ8, K	9082503MPA, YA
LT1074MK	9457601MYA
LT1074HVMK	9457602MYA
LT1111MJ8	9321201MPA
LTC1052MH, J8, J	8978201GA, PA, CA
<b>Switching Power Supply Controllers</b>	
<b>Generic</b>	<b>SMD 5962-</b>
LT1241MJ8	9319001MPA
LT1242MJ8	9319002MPA
LT1243MJ8	9319003MPA
LT1244MJ8	9319004MPA
LT1245MJ8	9319005MPA
<b>Interface Products</b>	
<b>Generic</b>	<b>SMD 5962-</b>
LT1039MJ16, J	8875102EA, VA
LT1080MJ	8766601VA
LT1081MJ	8766602EA
LT1180MJ	9172901MVA
LT1181MJ	9172902MEA
LT1280MJ	9172903MVA
LT1281MJ	9172904MEA
LTC1045MJ	9054501RA
LTC485MJ8	9208001MPA
<b>Filters</b>	
<b>Generic</b>	<b>SMD 5962-</b>
LTC1060AMJ	8864101RA
LTC1062MJ8	9159501MPA
LTC1064-1AMJ	9069302MCA
LTC1064-1MJ	9069301MCA
LTC1064-4MJ, L	9064901EA, XA
LTC1064MJ	8948301CA

### Military Parts List

<b>JAN S QPL</b>	JM38510/10103SGA (LM101AH) JM38510/10103SHA (LM101AW) JM38510/10103SPA (LM101AJ8) JM38510/10104SCA (LM108AJ) JM38510/10104SGA (LM108AH) JM38510/10104SHA (LM108AW) JM38510/10104SPA (LM108AJ8) JM38510/10107SGA (LM118H) JM38510/10304SGA (LM111H)	JM38510/10306SCA (LM119J) JM38510/10306SIA (LM119H) JM38510/10306SHA (LM119W) JM38510/10307SCA (LT119AJ) JM38510/10307SIA (LT119AH) JM38510/10307SHA (LT119AW) JM38510/11401SPA (LF155J8) JM38510/11402SGA (LF156H)	JM38510/11402SPA (LF156J8) JM38510/11404SGA (LF155AH) JM38510/11404SPA (LF155AJ8) JM38510/11405SGA (LF156AJ8) JM38510/11405SPA (LF156AJ8) JM38510/11703SXA (LM117H) JM38510/11704SYA (LM117K) JM38510/11803SXA (LM137H)	JM38510/11804SYA (LM137K) JM38510/12407SGA (LT1021-5H) JM38510/12408SGA (LT1021-7H) JM38510/12409SGA (LT1021-10H) JM38510/12501SGA (LF198H) JM38510/13502SGA (OP07J8) JM38510/13502SPA (OP07J8) JM38510/14802SXA (LT1009H)
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<b>JAN B QPL</b>	JM38510/10103BCA (LM101AJ) JM38510/10103BGA (LM101AH) JM38510/10103BHA (LM101AW) JM38510/10104BCA (LM101AJ8) JM38510/10104BCA (LM108AJ) JM38510/10104BGA (LM108AH) JM38510/10104BPA (LM108AJ8) JM38510/10106BEA (LH2108AD) JM38510/10107BGA (LM118J) JM38510/10107BGA (LM118H) JM38510/10107BHA (LM118W)	JM38510/10107BPA (LM118J8) JM38510/10304BGA (LM111H) JM38510/10306BIA (LM119H) JM38510/10306BCA (LM119J) JM38510/10306BHA (LM119W) JM38510/10307BCA (LT119AJ) JM38510/10307BIA (LT119AH) JM38510/10307BHA (LT119AW) JM38510/11401BGA (LF155H) JM38510/11401BPA (LF156J8)	JM38510/11402BGA (LF156H) JM38510/11402BHA (LF156W) JM38510/11402BPA (LF156J8) JM38510/11404BGA (LF155AH) JM38510/11404BPA (LF155AJ8) JM38510/11405BGA (LF156AH) JM38510/11405BHA (LF156W) JM38510/11405BPA (LF156AJ8) JM38510/11703BXA (LM117H) JM38510/11704BYA (LM117K)	JM38510/11706BYA (LM138K) JM38510/11803BXA (LM137K) JM38510/11804BYA (LM137K) JM38510/12407BGA (LT1021-5H) JM38510/12408BGA (LT1021-7H) JM38510/12409BGA (LT1021-10H) JM38510/12501BGA (LF198H) JM38510/13502BGA (OP07H) JM38510/13502SPA (OP07J8) JM38510/14802BXA (LT1009H)
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<b>DESC Drawings</b>	7703401XA (LM117H) 7703401YA (LM117K) 7703402XA (LM117HVH) 7703402YA (LM117HVK) 7703403XA (LM137H) 7703403YA (LM137K) 7703404XA (LM137HVH) 7703404YA (LM137HVK)	7703405XA (LT117AH) 7703405YA (LT117AK) 7703406XA (LT137AH) 7703406YA (LT137AK) 7703407XA (LT117AHVH) 7703407YA (LT117AHVK) 7703408XA (LT137AHVH) 7703408YA (LT137AHVK)	8203602GA (OP07H) 8203602PA (OP07J8) 8418001XA (LM136AH-2.5) 8551401GA (REF02AH) 8551401PA (REF02AJ8) 8600801EA (LT685) 8601401CA (LM119J)	8601401HA (LM119W) 8601401IA (LM119H) 8601402CA (LT119AJ) 8601402HA (LT119AW) 8601402IA (LT119AH) 8687702XA (LT111AH) 8687702PA (LT111AJ8)
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<b>Standard Military Drawings (SMD)</b>	5962-3870701MGA (LTC1044MH) 5962-3870701MPA (LTC1044MJ) 5962-8680601EA (LT1846J) 5962-8680602EA (LT1847J) 5962-8684501IA (LT1016MH) 5962-8684501PA (LT1016MJ8) 5962-8686101XA (LT5805SH) 5962-8686102XA (LT5807H) 5962-8686103XA (LT5808UH) 5962-8687701GA (LT111AH) 5962-8687701PA (LT111AJ8) 5962-8688201XA (LH0070-0H) 5962-8688202XA (LH0070-1H) 5962-8688203XA (LH0070-2H) 5962-8757801GA (LT1007AMH) 5962-8757801PA (LT1007AMJ8) 5962-8759401XA (LM185H-1.2) 5962-8759402XA (LM185H-2.5) 5962-8760401GA (LM101H) 5962-8760401PA (LM101J8) 5962-8766601YA (LT1080MJ) 5962-8766602EA (LT1081MJ) 5962-8767501XA (LM150K) 5962-8767502XA (LT150AK) 5962-8771501CA (LT1002AMJ) 5962-8773801GA (LT1001MH) 5962-8773801PA (LT1001MJ8) 5962-8773803GA (LT1001AMH) 5962-8773803PA (LT1001AMJ) 5962-8774101XA (LT1033MK) 5962-8777501YA (LM123K) 5962-8777502YA (LM123AK) 5962-8853701GA (OP37AH) 5962-8853701PA (OP37AJ8) 5962-8853702GA (OP37BH) 5962-8853702PA (OP37BJ8) 5962-8853703GA (OP37CH) 5962-8853703PA (OP37CJ8) 5962-8856101XA (LM199AH) 5962-8856102XA (LM199H) 5962-8856201XA (LT1010MH) 5962-8856201YA (LT1010MK) 5962-8856701GA (LT1037AMH) 5962-8856701PA (LT1037AMJ8) 5962-8859701XA (LT1004MH-1.2) 5962-8859702XA (LT1004MH-2.5) 5962-8860001GA (LT1021BMH-10) 5962-8860002GA (LT1021CMH-10)	5962-8860003GA (LT1021DMH-10) 5962-8862201XA (LT1028MH) 5962-8862201PA (LT1028MJ8) 5962-8862202XA (LT1028AMH) 5962-8862202PA (LT1028AMJ8) 5962-8864101RA (LTC1060AMJ) 5962-8864102RA (LTC1060MJ) 5962-8864601XA (LT1085MK) 5962-8864701GA (LT1021BMH-7) 5962-8864702GA (LT1021DMH-7) 5962-8875101YA (LT1039MJ) 5962-8875102EA (LT1039MJ16) 5962-8876001GA (LT1013AMH) 5962-8876001PA (LT1013AMJ8) 5962-8876002GA (LT1013MH) 5962-8876002PA (LT1013MJ8) 5962-8876201GA (LT1021BMH-5) 5962-8876202GA (LT1021CMH-5) 5962-8876203GA (LT1021DMH-5) 5962-8944001CA (LT1032MJ) 5962-8948301LA (LTC1064MJ) 5962-8950401GA (LT1017MH) 5962-8950401PA (LT1017MJ8) 5962-8950402GA (LT1018MH) 5962-8950402PA (LT1018MJ8) 5962-8951101EA (LT1525AJ) 5962-8951102EA (LT1527AJ) 5962-8952101XA (LT1084MK) 5962-8956201GA (LT1054MH) 5962-8956201PA (LT1054MJ8) 5962-8958101GA (REF01AH) 5962-8958101PA (REF01AJ8) 5962-8961001XA (LT1009MH) 5962-8962201GA (LT1022AMH) 5962-8962202GA (LT1022MH) 5962-8967701CA (LT1014MJ) 5962-8967702CA (LT1014MJ8) 5962-8967702XA (LT1014MW) 5962-8978201CA (LTC1052MJ) 5962-8978201GA (LTC1052MH) 5962-8978201PA (LTC1052MJ8) 5962-8980201XA (LT1031BMH) 5962-8980202XA (LT1031CMH) 5962-8980203XA (LT1031DMH) 5962-8983002RA (LTC1290MJ) 5962-8983003RA (LTC1290CJ) 5962-8983004RA (LTC1290DJ)	5962-8987301YA (LT1003MK) 5962-8989701CA (LT1058AMJ) 5962-8989701XA (LT1058AML) 5962-8989702CA (LT1058MJ) 5962-8992101XA (LM129AH) 5962-8992102XA (LM129BH) 5962-8992103XA (LM129CH) 5962-8997601GA (LT1055AMH) 5962-8997602GA (LT1056AMH) 5962-8997603GA (LT1055MH) 5962-8997604GA (LT1056MH) 5962-8998101XA (LT1086MK) 5962-8998101YA (LT1086MH) 5962-9050701XA (LM134H-3) 5962-9050702XA (LM134H-6) 5962-9050703XA (LM134H) 5962-9051901XA (LT1029AMH) 5962-9051902XA (LT1029MH) 5962-9054501RA (LTC1045MJ) 5962-9056801CA (OP237AJ) 5962-9056802CA (OP237CJ) 5962-9059501GA (LT1019AMH-10) 5962-9059502GA (LT1019AMH-5) 5962-9059503GA (LT1019AMH-4.5) 5962-9059504GA (LT1019AMH-2.5) 5962-9059505GA (LT1019MH-10) 5962-9059506GA (LT1019MH-5) 5962-9059507GA (LT1019MH-4.5) 5962-9059508GA (LT1019MH-2.5) 5962-9062701GA (LT1011AMH) 5962-9062701PA (LT1011AMJ8) 5962-9062702GA (LT1011MH) 5962-9062702PA (LT1011MJ8) 5962-9064901CA (LTC1064-4MJ) 5962-9064901XA (LTC1064-4ML) 5962-9069301MCA (LTC1064-1MJ/883) 5962-9069302MCA (LTC1064-1AMJ/883) 5962-9073902MXA (LT1084-5MK) 5962-9073903MXA (LT1085-5MK) 5962-9073904MXA (LT1086-5MK) 5962-9081701MXA (LT1057AMH) 5962-9081701MPA (LT1057AMJ8) 5962-9081702MXA (LT1057MH) 5962-9081702MPA (LT1057MJ8) 5962-9082501MYA (LT1070MK) 5962-9082502MYA (LT1071MK) 5962-9082503MYA (LT1072MK)	5962-9082503MCA (LT1072MJ8) 5962-9082504MYA (LT1070HVMK) 5962-9082505MYA (LT1058AML) 5962-9082506MYA (LT1072HVMK) 5962-9084101MCA (LT1020MJ) 5962-9084201MGA (LT1012MH) 5962-9084201MGA (LT1012AMJ8) 5962-9084202MGA (LT1012AMJ8) 5962-9159501MCA (LTC1062MJ8) 5962-9161901MGA (LTC1042MJ8) 5962-9163201MCA (LT1079MJ) 5962-9163202MCA (LT1079AMJ) 5962-9163203MCA (LT1078MJ) 5962-9163204MCA (LT1078AMJ) 5962-9163204MCA (LT1078AMH) 5962-9163204MCA (LT1078AMJ8) 5962-9172901MVA (LT1180MJ) 5962-9172902MEA (LT1181MJ) 5962-9172903MVA (LT1280MJ) 5962-9172904MEA (LT1281MJ) 5962-9207901MCA (LT1172MJ8) 5962-9207901MCA (LT1172MJ8) 5962-9208001MCA (LTC485MJ8) 5962-9305701MCA (LTC1291CMJ8) 5962-9305702MCA (LTC1292CMJ8) 5962-9305703MCA (LTC1293CMJ) 5962-9305704MCA (LTC1294CMJ) 5962-9311901MYA (LT1076MK) 5962-9311902MYA (LT1076HVMK) 5962-9318401MCA (LT1229MJ8) 5962-9318402MCA (LT1230MJ) 5962-9319001MCA (LT1241MJ8) 5962-9319002MCA (LT1242MJ8) 5962-9319003MCA (LT1243MJ8) 5962-9319004MCA (LT1244MJ8) 5962-9319005MCA (LT1245MJ8) 5962-9321201MCA (LT1111MJ8) 5962-9322401MCA (LT1120MJ8) 5962-9323801MCA (LT1125MJ) 5962-9323802MCA (LT1124MJ8) 5962-9323803MCA (LT1230MJ) 5962-9323804MCA (LT1244MJ8) 5962-9451601MCA (LT118AJ8) 5962-9460001MGA (LTC1051MH) 5962-9460002MGA (LTC1051AMH) 5962-9470901MCA (LT1041MJ8)
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<b>Radiation Hardened</b>	RH07 RH27C RH37C RH101A RH108A	RH111 RH117 RH118 RH119	RH129 RH137 RH1009 RH1011	RH1013 RH1014 RH1021-5 RH1021-7	RH1021-10 RH1056 RH1078 RH1079	RH1083 RH1084 RH1085 RH1086
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**883 Military Parts List**

<b>883 Operational Amplifiers</b>	LF155AH/883	LM101AH/883	LT1006MH/883	LT1024MD/883	LT1172MJ/883	OP-05H/883	OP-27BH/883
	LF155H/883	LM101AJ/883	LT1006MJ/883	LT1055AMH/883	LT1228MJ/883	OP-05J/883	OP-27CH/883
	LF156AH/883	LM107H/883	LT1007AMH/883	LT1055MH/883	LTC1050AMH/883	OP-05AW/883	OP-27CJ/883
	LF156H/883	LM107J/883	LT1007AMJ/883	LT1078AMH/883	LTC1050AMJ/883	OP-05W/883	OP-37AH/883
	LF156J/883	LM108AH/883	LT1007MH/883	LT1078AMJ/883	LTC1050AMJ/883	OP-07AH/883	OP-37AJ/883
	LF156W/883	LM108H/883	LT1007MJ/883	LT1078MH/883	LTC1050MH/883	OP-07AJ/883	OP-37BJ/883
	LF412AMH/883	LM108AJ/883	LT1008MH/883	LT1078MJ/883	LTC1050MJ/883	OP-07H/883	OP-37CH/883
	LF412M/883	LT118AH/883	LT1012AMH/883	LT1079AMJ/883	LTC1050MJ/883	OP-07J/883	OP-37CJ/883
	LF412AMJ/883	LT118AJ/883	LT1012MD/883	LT1079MJ/883	LTC1051AMH/883	OP-15AH/883	OP-227CJ/883
	LF412MJ/883	LT1001AMH/883	LT1012MH/883	LT1124AMJ/883	LTC1051AMJ/883	OP-15BH/883	OP-237AJ/883
	LH0070-0H/883	LT1001AMJ/883	LT1013AMH/883	LT1124MJ/883	LTC1051MJ/883	OP-15CH/883	OP-237CJ/883
	LH0070-1H/883	LT1001MH/883	LT1013AMJ/883	LT1125AMJ/883	LTC1052MH/883	OP-15CJ/883	
	LH0070-2H/883	LT1001MJ/883	LT1013MH/883	LT1125MJ/883	LTC1052MJ/883	OP-16AH/883	
	LH2108AD/883	LT1002AMJ/883	LT1013MJ/883	LT1126AMJ/883	LTC1052MJ/883	OP-16BH/883	
	LH2108D/883	LT1002MJ/883	LT1014AMJ/883	LT1126MJ/883	LTC1150MJ/883	OP-16CH/883	
	LM10H/883	LT1006AMH/883	LT1014MJ/883	LT1127AMJ/883	OP-05AH/883	OP-16CJ/883	
	LM10J/883	LT1006AMJ/883	LT1024AMD/883	LT1127MJ/883	OP-05AJ/883	OP-27BJ/883	
	<b>883 High Speed Op Amps</b>	LM118H/883	LT1028AMH/883	LT1037AMJ/883	LT1057AMH/883	LT1058AML/883	LT1191MJ/883
LM118J/883		LT1028AMJ/883	LT1037MH/883	LT1057AMJ/883	LT1058MJ/883	LT1192MJ/883	
LM118W/883		LT1028MH/883	LT1037MJ/883	LT1057MH/883	LT1187MJ/883	LT1193MJ/883	
LT1022AMH/883		LT1028MJ/883	LT1056AMH/883	LT1057MJ/883	LT1189MJ/883	LT1194MJ/883	
LT1022MH/883		LT1037AMH/883	LT1056MH/883	LT1058AMJ/883	LT1190MJ/883	LT1195MJ/883	
<b>883 Regulators</b>	LM117H/883	LM137HVK/883	LT117AK/883	LT150AK/883	LT1035MK/883	LT1076HVMK/883	LT1086MH/883
	LM117HVH/883	LM137K/883	LT123AK/883	LT1003MK/883	LT1036MK/883	LT1083MK-5/883	LT1086MK/883
	LM117HVK/883	LM138K/883	LT137AH/883	LT1005MK/883	LT1054MJ/883	LT1083MK-12/883	LT1086MK-5/883
	LM117K/883	LM150K/883	LT137AHVH/883	LT1020MJ/883	LT1054MH/883	LT1084MK/883	LT1086MK-12/883
	LM123K/883	LT117AH/883	LT137AHVK/883	LT1026MJ/883	LT1074MK/883	LT1084MK-5/883	LT1120MJ/883
	LM137H/883	LT117AHVH/883	LT137AK/883	LT1026MH/883	LT1074HVMK/883	LT1084MK-12/883	
	LM137HVH/883	LT117AHVK/883	LT138AK/883	LT1033MK/883	LT1076MK/883	LT1085MK/883	
<b>883 References</b>	LM129AH/883	LM185H-1.2/883	LT581SH/883	LT1019AMH-5/883	LT1021DMH-5/883	LT1031BMH/883	REF-01AJ/883
	LM129BH/883	LM185H-2.5/883	LT581TH/883	LT1019AMH-10/883	LT1021BMH-7/883	LT1031CMH/883	REF-01H/883
	LM129CH/883	LM199AH/883	LT581UH/883	LT1019MH-2.5/883	LT1021DMH-7/883	LT1031DMH/883	REF-01J/883
	LM134H/883	LM199AH-20/883	LT1004MH-1.2/883	LT1019MH-4.5/883	LT1021BMH-10/883	LT1034BMH-1.2/883	REF-02AH/883
	LM134H-3/883	LM199H/883	LT1004MH-2.5/883	LT1019MH-5/883	LT1021CMH-10/883	LT1034BMH-2.5/883	REF-02AJ/883
	LM134H-6/883	LT580SH/883	LT1009MH/883	LT1019MH-10/883	LT1021DMH-10/883	LT1034MH-1.2/883	REF-02H/883
	LM136AH-2.5/883	LT580TH/883	LT1019AMH-2.5/883	LT1021BMH-5/883	LT1029AMH/883	LT1034MH-2.5/883	REF-02J/883
	LM136H-2.5/883	LT580UH/883	LT1019AMH-4.5/883	LT1021CMH-5/883	LT1029MH/883	REF-01AH/883	
<b>883 Comparators</b>	LM111H/883	LM119W/883	LT119AJ/883	LT1011AMJ/883	LT1016MJ/883	LT1017MJ/883	
	LM111J/883	LT111AH/883	LT685MH/883	LT1011MH/883	LT1016MJ/883	LT1018MH/883	
	LM119H/883	LT111AJ/883	LT685MJ/883	LT1011MJ/883	LT1016ML/883	LT1018MJ/883	
	LM119J/883	LT119AH/883	LT1011AMH/883	LT1016MH/883	LT1017MH/883	LTC1042MJ/883	
<b>883 Switched-Mode Control Circuits</b>	LT1070MK/883	LT1072MK/883	LT1242MJ/883	LT1525AJ/883	SG1525AJ/883		
	LT1070HVMK/883	LT1072HVMK/883	LT1243MJ/883	LT1527AJ/883	SG1527AJ/883		
	LT1071MK/883	LT1072MJ/883	LT1244MJ/883	LT1846J/883			
	LT1071HVMK/883	LT1241MJ/883	LT1245MJ/883	LT1847J/883			
<b>883 Interface</b>	LT1032MJ/883	LT1080MJ/883	LT1181AMJ/883	LTC485MJ/883			
	LT1039MJ/883	LT1081MJ/883	LT1280MJ/883	LTC1045MJ/883			
	LT1039MJ16/883	LT1180AMJ/883	LT1281MJ/883				
<b>883 Filters</b>	LTC1059MJ/883	LTC1061MJ/883	LTC1064-1AMJ/883	LTC1064-4MJ/883	LTC1164-5MJ/883		
	LTC1060AMJ/883	LTC1062MJ/883	LTC1064-1MJ/883	LTC1064-4ML/883	LTC1164-7MJ/883		
	LTC1060MJ/883	LTC1063MJ/883	LTC1064-2MJ/883	LTC1164MJ/883			
	LTC1061AMJ/883	LTC1064MJ/883	LTC1064-2ML/883	LTC1164AMJ/883			
<b>883 Data Converters</b>	LTC1094MJ/883	LTC1290DMJ/883	LTC1293DMJ/883	LTC1294DMJ/883			
	LTC1290BMJ/883	LTC1293BMJ/883	LTC1294BMJ/883				
	LTC1290CMJ/883	LTC1293CMJ/883	LTC1294CMJ/883				
<b>Other 883</b>	LF198AH/883	LT1010MH/883	LTC201AMJ/883	LTC1043MJ/883	LTC1044MJ/883		
	LF198H/883	LT1010MK/883	LTC1041MJ/883	LTC1044MH/883			

**Rad Hard**

This table provides example specifications for our Rad Hard products. For complete Rad Hard data sheets, contact 1-800-4-LINEAR.

DEVICE	SYMBOL	CONDITIONS	10Krad (Si)		20Krad (Si)		50Krad (Si)		80Krad (Si)		100Krad (Si)		200Krad (Si)		UNITS	PACKAGE OPTIONS
			MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
RH07	$V_{OS}$ $I_{OS}$			90 2.8		150 4		200 8				250 12		300 20	$\mu V$ nA	J8, H
RH27C	$V_{OS}$ $I_{OS}$			100 75		130 75		180 90				280 120		400 180	$\mu V$ nA	H, W
RH37C	$V_{OS}$ $I_{OS}$			100 75		130 75		180 90				280 120		400 180	$\mu V$ nA	H, W
RH101A	$V_{OS}$ $I_{OS}$			2 10		2 10		2 10				2 10		3 20	mV nA	H, W
RH108A	$V_{OS}$ $I_{OS}$			0.5 0.2		0.5 0.2		0.5 0.2		1.0 0.2					mV nA	H, W
RH117	$V_{REF}$	$3V \leq (V_{IN} - V_{OUT}) \leq 40V$ $10mA \leq I_{OUT} \leq I_{MAX}$ , $P \leq P_{MAX}$	1.20	1.30	1.20	1.30	1.20	1.30			1.20	1.30			V	H, K
RH118	$V_{OS}$ SR	$V_S = \pm 15V$ , $A_V = 1$		4 50		4 50		4 50				4 50		10 50	mV V/ $\mu s$	H, W
RH119	$V_{OS}$ $I_{OS}$			4 75		4 100		4 150				4 300		8 500	mV nA	H, J, W
RH129	$V_Z$ $\Delta V_Z/\Delta TEMP$	RH129A RH129B RH129C	6.7	7.2 10 20 50	6.7	7.2 10 20 50	6.7	7.2 10 20 50			6.7	7.2 15 25 55	6.7	7.2 20 30 60	V ppm/ $^{\circ}C$ ppm/ $^{\circ}C$ ppm/ $^{\circ}C$	H
RH137	$V_{REF}$	$ V_{IN} - V_{OUT}  \leq 5V$ , $I_{OUT} = 10mA$ $3V \leq  V_{IN} - V_{OUT}  \leq 40V$ $10mA \leq I_{OUT} \leq I_{MAX}$ , $P \leq P_{MAX}$	-1.225 -1.2	-1.275 -1.3	-1.225 -1.2	-1.275 -1.3	-1.225 -1.2	-1.275 -1.3			-1.225 -1.2	-1.275 -1.3	-1.225 -1.2	-1.23 -1.3	V V	K, H
RH1009	$V_Z$ $\Delta V_Z/\Delta I_Z$		2.495	2.505 6	2.495	2.505 6	2.495	2.505 8			2.495	2.505 10	2.495	2.505 12	V mV	H
RH1011	$V_{OS}$ $I_{OS}$			1.5 4		1.5 4		1.5 4				1.5 20		2 50	mV nA	H, J8, W
RH1013	$V_{OS}$ $I_{OS}$			450 10		450 10		600 15				750 20		900 25	$\mu V$ nA	H, J8, W
RH1014	$V_{OS}$ $I_{OS}$			450 10		450 10		600 15				750 20		900 25	$\mu V$ nA	J, W
RH1021-5	$V_{OUT}$ TCV <sub>OUT</sub>	RH1021CM-5 RH1021BM-5, DM-5 RH1021BM-5 RH1021CM-5, DM-5	4.9975 4.95	5.0025 5.05 5 20	4.995 4.945	5.005 5.055 5 20	4.993 4.942	5.007 5.058 5 20			4.9925 4.94	5.008 5.06 7 22	4.99 4.935	5.01 5.065 10 25	V V ppm/ $^{\circ}C$ ppm/ $^{\circ}C$	H
RH1021-7	$V_{OUT}$ TCV <sub>OUT</sub>	RH1021BM-7 RH1021DM-7	6.95	7.05 5 20	6.95	7.05 5 20	6.95	7.05 5 20			6.94	7.06 7 22	6.93	7.07 10 25	V ppm/ $^{\circ}C$ ppm/ $^{\circ}C$	H
RH1021-10	$V_{OUT}$ TCV <sub>OUT</sub>	RH1021CM-10 RH1021BM-10, DM-10 RH1021BM-10 RH1021CM-10, DM-10	9.995 9.95	10.005 10.05 5 20	9.99 9.945	10.01 10.055 5 20	9.987 9.942	10.013 10.06 5 20			9.985 9.98	10.015 10.06 7 22	9.98 9.935	10.02 10.065 10 25	V V ppm/ $^{\circ}C$ ppm/ $^{\circ}C$	H
RH1056A	$V_{OS}$ $I_{OS}$			180 $\pm 10$		180 $\pm 50$		250 $\pm 150$				450 $\pm 250$		450 $\pm 350$	$\mu V$ pA	H, W
RH1078	$V_{OS}$ $I_{OS}$			350 2		500 18		650 13	75k 18	800		1000 23			$\mu V$ nA	H, J8, W J, W
RH1083	$V_{REF}$ Dropout V	$I_{OUT} = 10mA$ , $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.7V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$ , $I_{OUT} = I_{FULL LOAD}$	1.234 1.220	1.258 1.275	1.230 1.219	1.257 1.275	1.225 1.215	1.253 1.275			1.220 1.210	1.247 1.275	1.205 1.203	1.241 1.275	V V V	K
RH1084	$V_{REF}$ Dropout V	$I_{OUT} = 10mA$ , $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.7V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$ , $I_{OUT} = 3A$	1.234 1.220	1.258 1.275	1.230 1.219	1.257 1.275	1.225 1.215	1.253 1.275			1.220 1.210	1.247 1.275	1.205 1.203	1.241 1.275	V V V	K
RH1085	$V_{REF}$ Dropout V	$I_{OUT} = 10mA$ , $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.7V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$ , $I_{OUT} = 3A$	1.234 1.220	1.258 1.275	1.230 1.219	1.257 1.275	1.225 1.215	1.253 1.275			1.220 1.210	1.247 1.275	1.205 1.203	1.241 1.275	V V V	K
RH1086	$V_{REF}$ Dropout V	$I_{OUT} = 10mA$ , $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.5V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$ , $I_{OUT} = 1.5A$ (K) $\Delta V_{REF} = 1\%$ , $I_{OUT} = 0.5A$ (H)	1.234 1.220	1.258 1.275	1.230 1.219	1.257 1.275	1.225 1.215	1.253 1.275			1.220 1.210	1.247 1.275	1.205 1.203	1.241 1.275	V V V	H, K