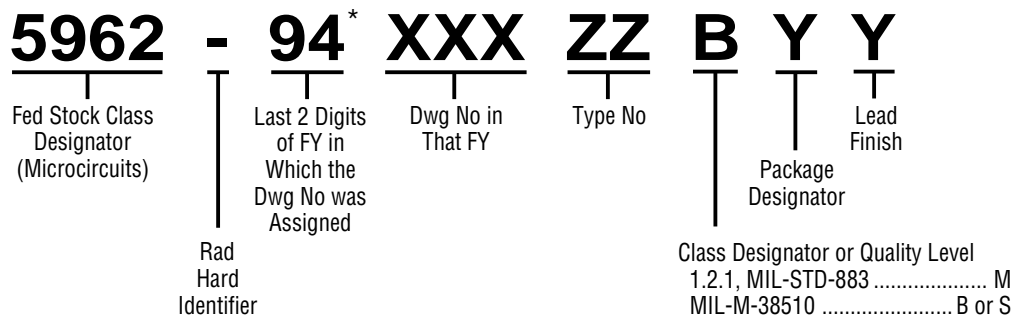


## Microcircuit Part Numbering System



\* 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., q/339).

## Operational Amplifiers

<b>Generic</b> LT <sup>®</sup> 1001AMH, J8 LT1001MH, J8 LT1002AMJ LT1006AMH, J8 LT1006MH, J8 LT1007AMH, J8 LT1012AMH, D LT1012MH, D LT1013AMH, J8 LT1013MH, J8 LT1014AMJ LT1014MJ LT1014MW LT1028AMH, J8 LT1028MH, J8 LT1037AMH, J8 LT1055AMH LT1055MH LT1056AMH LT1056MH LT1057AMH, J8 LT1057MH, J8 LT1058AMJ, L LT1058MJ LT1078AMH LT1078AMJ8 LT1078MH LT1078MJ8 LT1079AMJ LT1079MJ LT1124AMJ8 LT1124MJ8 LT1125AMJ LT1125MJ LT1172MJ8 LTC1051MH, J8 LTC1051AMH, J8 LTC1052MJ8, H, J	<b>SMD 5962-</b> 8773803GA, PA 8773801GA, PA 8771501CA 8993301MGA, PA 8993302MGA, PA 8757801GA, PA 9084202MGA, PA 9084201MGA, PA 8876001GA, PA 8876002GA, PA 8967701CA 8967702CA 8967702XA 8862202GA, PA 8862201GA, PA 8856701GA, PA 8997601GA 8997603GA 8997602GA 8997604GA 9081701MGA, PA 9081702MGA, PA 8989701CA, XA 8989702CA 9163204MGA 9163206MPA 9163203MGA 9163203MPA 9163202MCA 9163201MCA 9323804MPA 9323802MPA 9323803MCA 9323801MCA 9207901MPA 9460001MGA, PA 9460002MGA, PA 8978201PA, GA, CA	LT1229MJ8 LT1230MJ <b>Buffer Amplifiers</b> <b>Generic</b> LT1010MH, K <b>Analog-to-Digital Converters</b> <b>Generic</b> LTC <sup>®</sup> 1291CMJ8 LTC1292CMJ8 LTC1293CMJ LTC1294CMJ <b>Regulators</b> <b>Generic</b> LT1003MK LT1020MJ LT1033MK LT1076HVMK LT1076MK LT1083MK-5 LT1084MK LT1084MK-5 LT1085MK LT1085MK-5 LT1086MK, H LT1086MK-5 LT1120MJ8 LT1185MK <b>References</b> <b>Generic</b> LT1004MH-1.2 LT1004MH-2.5 LT1009MH LT1019AMH-10 LT1019AMH-5 LT1019AMH-4.5 LT1019AMH-2.5 LT1019MH-10 LT1019MH-5 LT1019MH-4.5 LT1019MH-2.5 LT1021BMH-10 LT1021BMH-5 LT1021BMH-7 LT1021CMH-10 LT1021CMH-5 LT1021DMH-10 LT1021DMH-5 LT1029AMH LT1029MH LT1031BMH	9318401MPA 9318402MCA  <b>SMD 5962-</b> 8856201XA, YA  <b>SMD 5962-</b> 9305701MPA 9305702MPA 9305703MEA 9305704MRA  <b>SMD 5962-</b> 8987301XA 9084101MCA 8874101XA 9311902MYA 9311901MYA 9073901MXA 8952101XA 9073902MXA 8864601XA 9073903MXA 8998101XA, YA 9073904MXA 9322401MPA 9469501MXA  <b>SMD 5962-</b> 8859701XA 8859702XA 8961001XA 9059501GA 9059502GA 9059503GA 9059504GA 9059505GA 9059506GA 9059507GA 9059508GA 8860001GA 8876201GA 8864701GA 8860002GA 8876202GA 8860003GA 8876203GA 8864702GA 9051901XA 9051902XA 8980201XA	LT1031CMH LT1031DMH LT580SH LT580TH <b>Comparators</b> <b>Generic</b> LT1010MH, K LT1011AMH, J8 LT1011MH, J8 LT1016MH, J8 LT1017MH, J8 LT1018MH, J8 LTC1041MJ8 <b>Switching Regulators</b> <b>Generic</b> LT1070HVMK LT1070MK LT1071HVMK LT1071MK LT1072HVMK LT1072MJ8, K LT1074MK LT1074HVMK LT1111MJ8 LTC1052MH, J8, J <b>Switching Power Supply Controllers</b> <b>Generic</b> LT1241MJ8 LT1242MJ8 LT1243MJ8 LT1244MJ8 LT1245MJ8 <b>Interface Products</b> <b>Generic</b> LT1039MJ16, J LT1080MJ LT1081MJ LT1180MJ LT1181MJ LT1280MJ LT1281MJ LTC1045MJ LTC485MJ8 <b>Filters</b> <b>Generic</b> LTC1060AMJ LTC1062MJ8 LTC1064-1AMJ LTC1064-1MJ LTC1064-4MJ, L LTC1064MJ	8980202XA 8980203XA 8686101XA 8686102XA  <b>SMD 5962-</b> 8856201XA, YA 9062701GA, PA 9062702GA, PA 8684501IA, PA 8950401GA, PA 8950402GA, PA 9470901MPA  <b>SMD 5962-</b> 9082504MYA 9082501MYA 9082505MYA 9082502MYA 9082506MYA 9082503MPA, YA 9457601MYA 9457602MYA 9321201MPA 8978201GA, PA, CA  <b>SMD 5962-</b> 9319001MPA 9319002MPA 9319003MPA 9319004MPA 9319005MPA  <b>SMD 5962-</b> 8875102EA, VA 8766601VA 8766602EA 9172901MVA 9172902MEA 9172903MVA 9172904MEA 9054501RA 9208001MPA  <b>SMD 5962-</b> 8864101RA 9159501MPA 9069302MCA 9069301MCA 9064901EA, XA 8948301CA
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### Military Parts List

JAN S QPL	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 (LF156AH) 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) JM38510/13501SGA (OP07AH) JM38510/13501SPA (OP07AJ8) JM38510/13502SGA (OP07H) JM38510/13502SPA (OP07J8) JM38510/14802SXA (LT1009H)		
JAN B QPL	JM38510/10103BCA (LM101AJ) JM38510/10103BGA (LM101AH) JM38510/10103BHA (LM101AW) JM38510/10103BPA (LM101AJ8) JM38510/10104BCA (LM108AJ) JM38510/10104BGA (LM108AH) JM38510/10104BPA (LM108AJ8) JM38510/10106BEA (LH2108AD) JM38510/10107BCA (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 (LM137H)	JM38510/11804BYA (LM137K) JM38510/12407BGA (LT1021-5H) JM38510/12408BGA (LT1021-7H) JM38510/12409BGA (LT1021-10H) JM38510/12501BGA (LF198H) JM38510/13501BGA (OP07AH) JM38510/13501BPA (OP07AJ8) JM38510/13502BGA (OP07H) JM38510/13502BPA (OP07J8) JM38510/14802BXA (LT1009H)		
DESC Drawings	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)		
Standard Military Drawings (SMD)	5962-3870701MGA (LTC1044MH) 5962-3870701MPA (LTC1044MJ) 5962-8680601EA (LT1846J) 5962-8680602EA (LT1847J) 5962-8684501IA (LT1016MH) 5962-8684501PA (LT1016MJ8) 5962-8686101XA (LT580SH) 5962-8686102XA (LT580TH) 5962-8686103XA (LT580UH) 5962-8687701GA (LT111AH) 5962-8687701PA (LT111AJ8) 5962-8688201XA (LH0070-0H) 5962-8688202XA (LH0070-1H) 5962-8688203XA (LH0070-2H) 5962-8688701CA (OP227AJ) 5962-8757801GA (LT1007AMH) 5962-8757801PA (LT1007AMJ8) 5962-8759401XA (LM185H-1.2) 5962-8759402XA (LM185H-2.5) 5962-8760401GA (LM10J8) 5962-8760401PA (LM10J8) 5962-8766601VA (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) 5962-8775501YA (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) 5962-8875101VA (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 (LT1014AMJ) 5962-8967702CA (LT1014MJ) 5962-8978201CA (LTC1052MJ) 5962-8978201GA (LTC1052MH) 5962-8978201PA (LTC1052MJ8) 5962-8980201XA (LT1031BMH) 5962-8980202XA (LT1031CMH) 5962-8980203XA (LT1031DMH) 5962-8983002RA (LTC1290BMJ) 5962-8983003RA (LTC1290CMJ) 5962-8983004RA (LTC1290DMJ)	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)	5962-9082503MPA (LT1072MJ8) 5962-9082504MYA (LT1070HVMK) 5962-9082505MYA (LT1071HVMK) 5962-9082506MYA (LT1072HVMK) 5962-9084101MCA (LT1020MJ) 5962-9084201MGA (LT1012MH) 5962-9084201MPA (LT1012MJ8) 5962-9084202MGA (LT1012AMH) 5962-9084202MPA (LT1012AMJ8) 5962-9159501MPA (LTC1062MJ8) 5962-9161901MPA (LTC1042MJ8) 5962-9163201MCA (LT1079MJ) 5962-9163202MCA (LT1079AMJ) 5962-9163203MCA (LT1078MJ) 5962-9163204MCA (LT1078AMJ) 5962-9163204MXA (LT1078AMH) 5962-9163204MPA (LT1078AMJ8) 5962-9172901MVA (LT1180MJ) 5962-9172902MEA (LT1181MJ) 5962-9172903MVA (LT1280MJ) 5962-9172904MEA (LT1281MJ) 5962-9207901MPA (LT1172MJ8) 5962-9207901MPA (LT1172MJ8) 5962-9208001MPA (LTC485MJ8) 5962-9305701MPA (LTC1291CMJ8) 5962-9305702MPA (LTC1292CMJ8) 5962-9305703MEA (LTC1293CMJ) 5962-9305704MEA (LTC1294CMJ) 5962-9311901MYA (LT1076MK) 5962-9311902MYA (LT1076HVMK) 5962-9318401MPA (LT1229MJ8) 5962-9318402MCA (LT1230MJ) 5962-9319001MPA (LT1241MJ8) 5962-9319002MPA (LT1242MJ8) 5962-9319003MPA (LT1243MJ8) 5962-9319004MPA (LT1244MJ8) 5962-9319005MPA (LT1245MJ8) 5962-9321201MPA (LT1111MJ8) 5962-9322401MPA (LT1120MJ8) 5962-9323801MCA (LT1125MJ) 5962-9323802MPA (LT1124MJ8) 5962-9323803MCA (LT1125AMJ) 5962-9323804MPA (LT1124AMJ8) 5962-9451601MPA (LT118AJ8) 5962-9460001MGA (LTC1051MH) 5962-9460002MGA (LTC1051AMH) 5962-9470901MPA (LTC1041MJ8)		
Radiation Hardened	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 RH1086

### 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
	LF412MH/883	LT118AH/883	LT1012AMH/883	LT1079AMJ/883	LTC1050MJ/883	OP-07H/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	LM137HV/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	LT137AHV/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	LT117AHV/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	LT1524J/883	LT1847J/883		
	LT1070HVMK/883	LT1072HVMK/883	LT1243MJ/883	LT1525AJ/883	SG1524J/883		
	LT1071MK/883	LT1072MJ/883	LT1244MJ/883	LT1527AJ/883	SG1525AJ/883		
	LT1071HVMK/883	LT1241MJ/883	LT1245MJ/883	LT1846J/883	SG1527AJ/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	-1.22 -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	$V_{OS}$			350		500		650	75k	800		1000			$\mu V$	H, J8, W
	$I_{OS}$			2		18		13	75k	18		23			nA	J, W
RH1083	$V_{REF}$	$I_{OUT} = 10mA$ ( $V_{IN} - V_{OUT}$ ) = 3V $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.5V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$ , $I_{OUT} = I_{FULL LOAD}$	1.234 1.210	1.258 1.275	1.232 1.219	1.257 1.275	1.227 1.215	1.253 1.275			1.223 1.210	1.247 1.275	1.216 1.203	1.241 1.275	V V	K
	Dropout V			1.5		1.55		1.65				1.8		2.0	V	
	$V_{REF}$	$I_{OUT} = 10mA$ ( $V_{IN} - V_{OUT}$ ) = 3V $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.5V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$ , $I_{OUT} = 3A$	1.234 1.210	1.258 1.275	1.232 1.219	1.257 1.275	1.227 1.215	1.253 1.275			1.223 1.210	1.247 1.275	1.216 1.203	1.241 1.275	V V	K
RH1084	Dropout V			1.5		1.55		1.65				1.8		2.0	V	
	$V_{REF}$	$I_{OUT} = 10mA$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.5V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$ , $I_{OUT} = 1.5A$ (K) $\Delta V_{REF} = 1\%$ , $I_{OUT} = 0.5A$ (H)		1.258 1.271 1.5		1.257 1.269 1.51		1.253 1.265 1.52				1.247 1.260 1.55		1.241 1.253 1.575	V V V	H, K