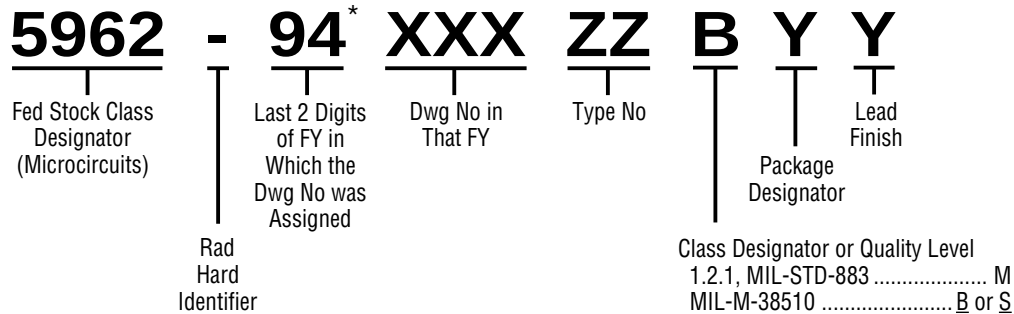


Microcircuit Part Numbering System



* 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

Generic

LT[®]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

High Speed Op Amps

Generic

LT1022AMH
LT1022MH
LT1028AMH, J8
LT1028MH, J8
LT1037AMH, J8
LT1056AMH
LT1056MH
LT1057AMH, J8
LT1057MH, J8
LT1058AMJ, L
LT1058MJ
LT118AMJ8

SMD 5962-

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

SMD 5962-

8962201GA
8962202GA
8862202GA, PA
8862201GA, PA
8856701GA, PA
8997602GA
8997604GA
9081701MGA, PA
9081702MGA, PA
8989701CA, XA
8989702CA
9451601MPA

LT1229MJ8

LT1230MJ

Buffer Amplifiers

Generic

LT1010MH, K

Analog-to-Digital Converters

Generic

LTC[®]1291CMJ8
LTC1292CMJ8
LTC1293CMJ
LTC1294CMJ

Regulators

Generic

LT1003MK
LT1020MJ
LT1033MK
LT1076HVMK
LT1076MK
LT1083MK-5
LT1084MK
LT1084MK-5
LT1085MK
LT1085MK-5
LT1086MK, H
LT1086MK-5
LT1120MJ8
LT1185MK

References

Generic

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
LT1021DMH-7
LT1029AMH
LT1029MH
LT1031BMH

9318401MPA
9318402MCA

SMD 5962-

8856201XA, YA

SMD 5962-

9305701MPA
9305702MPA
9305703MEA
9305704MRA

SMD 5962-

8987301XA
9084101MCA
8874101XA
9311902MYA
9311901MYA
9073901MXA
8952101XA
9073902MXA
8864601XA
9073903MXA
8998101XA, YA
9073904MXA
9322401MPA
9469501MXA

SMD 5962-

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

8980202XA
8980203XA
8686101XA
8686102XA

Comparators

Generic

LT1010MH, K
LT1011AMH, J8
LT1011MH, J8
LT1016MH, J8
LT1017MH, J8
LT1018MH, J8
LTC1041MJ8

SMD 5962-

8856201XA, YA
9062701GA, PA
9062702GA, PA
8684501IA, PA
8950401GA, PA
8950402GA, PA
9470901MPA

Switching Regulators

Generic

LT1070HVMK
LT1070MK
LT1071HVMK
LT1071MK
LT1072HVMK
LT1072MJ8, K
LT1074MK
LT1074HVMK
LT1111MJ8
LTC1052MH, J8, J

SMD 5962-

9082504MYA
9082501MYA
9082505MYA
9082502MYA
9082506MYA
9082503MPA, YA
9457601MYA
9457602MYA
9321201MPA
8978201GA, PA, CA

Switching Power Supply Controllers

Generic

LT1241MJ8
LT1242MJ8
LT1243MJ8
LT1244MJ8
LT1245MJ8

SMD 5962-

9319001MPA
9319002MPA
9319003MPA
9319004MPA
9319005MPA

Interface Products

Generic

LT1039MJ16, J
LT1080MJ
LT1081MJ
LT1180MJ
LT1181MJ
LT1280MJ
LT1281MJ
LTC1045MJ
LTC485MJ8

SMD 5962-

8875102EA, VA
8766601VA
8766602EA
9172901MVA
9172902MEA
9172903MVA
9172904MEA
9054501RA
9208001MPA

Filters

Generic

LTC1060AMJ
LTC1062MJ8
LTC1064-1AMJ
LTC1064-1MJ
LTC1064-4MJ, L
LTC1064MJ

SMD 5962-

8864101RA
9159501MPA
9069302MCA
9069301MCA
9064901EA, XA
8948301CA

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) JM38510/13502SGA (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) JM38510/13502BGA (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) 5962-8757801GA (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 (LT1014AMJ) 5962-8967702CA (LT1014MJ) 5962-8967702XA (LT1014MW) 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) 5962-9081701MCA (LT1057AMJ8) 5962-9081702MXA (LT1057MH) 5962-9081702MCA (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) 5962-9207901MCA (LT1172MJ8) 5962-9208001MPA (LTC485MJ8) 5962-9305701MPA (LTC1291CMJ8) 5962-9305702MPA (LTC1292CMJ8) 5962-9305703MEA (LTC1293CMJ) 5962-9305704MRA (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) 5962-9323802MCA (LT1124MJ8) 5962-9323803MCA (LT1125AMJ) 5962-9323804MCA (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 RH1085 RH1086

883 Military Parts List

883 Operational Amplifiers

LF155AH/883	LM101AH/883	LT1006MH/883	LT1024MD/883	LT1172MJ/883	OP-05H/883	OP-27BH/883
LF155H/883	LM101AJ8/883	LT1006MJ8/883	LT1055AMH/883	LT1228MJ8/883	OP-05J8/883	OP-27CH/883
LF156AH/883	LM107H/883	LT1007AMH/883	LT1055MH/883	LTC1050AMH/883	OP-05AW/883	OP-27CJ8/883
LF156H/883	LM107J8/883	LT1007AMJ8/883	LT1078AMH/883	LTC1050AMJ8/883	OP-05W/883	OP-37AH/883
LF156J8/883	LM108AH/883	LT1007MH/883	LT1078AMJ8/883	LTC1050AMJ8/883	OP-07AH/883	OP-37AJ8/883
LF156W/883	LM108H/883	LT1007MJ8/883	LT1078MH/883	LTC1050MH/883	OP-07AJ8/883	OP-37BJ8/883
LF412AMH/883	LM108AJ8/883	LT1008MH/883	LT1078MJ8/883	LTC1050MJ8/883	OP-07H/883	OP-37CH/883
LF412MH/883	LT118AH/883	LT1012AMH/883	LT1079AMJ/883	LTC1050MJ8/883	OP-07J8/883	OP-37CJ8/883
LF412AMJ8/883	LT118AJ8/883	LT1012MD/883	LT1079MJ8/883	LTC1051AMH/883	OP-15AH/883	OP-227CJ/883
LF412MJ8/883	LT1001AMH/883	LT1012MH/883	LT1124AMJ8/883	LTC1051AMJ8/883	OP-15BH/883	OP-237AJ/883
LH0070-0H/883	LT1001AMJ8/883	LT1013AMH/883	LT1124MJ8/883	LTC1051MJ8/883	OP-15CH/883	OP-237CJ/883
LH0070-1H/883	LT1001MH/883	LT1013AMJ8/883	LT1125AMJ8/883	LTC1052MH/883	OP-15CJ8/883	
LH0070-2H/883	LT1001MJ8/883	LT1013MH/883	LT1125MJ8/883	LTC1052MJ8/883	OP-16AH/883	
LH2108AD/883	LT1002AMJ/883	LT1013MJ8/883	LT1126AMJ8/883	LTC1052MJ8/883	OP-16BH/883	
LH2108D/883	LT1002MJ/883	LT1014AMJ/883	LT1126MJ8/883	LTC1150MJ8/883	OP-16CH/883	
LM10H/883	LT1006AMH/883	LT1014MJ/883	LT1127AMJ8/883	OP-05AH/883	OP-16CJ8/883	
LM10J8/883	LT1006AMJ8/883	LT1024AMD/883	LT1127MJ/883	OP-05AJ8/883	OP-27BJ8/883	

883 High Speed Op Amps

LM118H/883	LT1028AMH/883	LT1037AMJ8/883	LT1057AMH/883	LT1058AML/883	LT1191MJ8/833
LM118J8/883	LT1028AMJ8/883	LT1037MH/883	LT1057AMJ8/883	LT1058MJ8/883	LT1192MJ8/883
LM118W/883	LT1028MH/883	LT1037MJ8/883	LT1057MH/883	LT1187MJ8/883	LT1193MJ8/883
LT1022AMH/883	LT1028MJ8/883	LT1056AMH/883	LT1057MJ8/883	LT1189MJ8/883	LT1194MJ8/883
LT1022MH/883	LT1037AMH/883	LT1056MH/883	LT1058AMJ8/883	LT1190MJ8/883	LT1195MJ8/883

883 Regulators

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	LT1054MJ8/883	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	LT1026MJ8/883	LT1074MK/883	LT1084MK-5/883	LT1120MJ8/883
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	

883 References

LM129AH/883	LM185H-1.2/883	LT581SH/883	LT1019AMH-5/883	LT1021DMH-5/883	LT1031BMH/883	REF-01AJ8/883
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-01J8/883
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-02AJ8/883
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-02J8/883
LM136H-2.5/883	LT580UH/883	LT1019AMH-4.5/883	LT1021CMH-5/883	LT1029MH/883	REF-01AH/883	

883 Comparators

LM111H/883	LM119W/883	LT119AJ/883	LT1011AMJ8/883	LT1016MJ/883	LT1017MJ8/883
LM111J8/883	LT111AH/883	LT685MH/883	LT1011MH/883	LT1016MJ8/883	LT1018MH/883
LM119H/883	LT111AJ8/883	LT685MJ/883	LT1011MJ8/883	LT1016ML/883	LT1018MJ8/883
LM119J/883	LT119AH/883	LT1011AMH/883	LT1016MH/883	LT1017MH/883	LTC1042MJ8/883

883 Switched-Mode Control Circuits

LT1070MK/883	LT1072MK/883	LT1242MJ8/883	LT1525AJ/883	SG1525AJ/883
LT1070HVMK/883	LT1072HVMK/883	LT1243MJ8/883	LT1527AJ/883	SG1527AJ/883
LT1071MK/883	LT1072MJ8/883	LT1244MJ8/883	LT1846J/883	
LT1071HVMK/883	LT1241MJ8/883	LT1245MJ8/883	LT1847J/883	

883 Interface

LT1032MJ/883	LT1080MJ/883	LT1181AMJ/883	LTC485MJ8/883
LT1039MJ/883	LT1081MJ/883	LT1280MJ/883	LTC1045MJ/883
LT1039MJ16/883	LT1180AMJ/883	LT1281MJ/883	

883 Filters

LTC1059MJ/883	LTC1061MJ/883	LTC1064-1AMJ/883	LTC1064-4MJ/883	LTC1164-5MJ/883
LTC1060AMJ/883	LTC1062MJ8/883	LTC1064-1MJ/883	LTC1064-4ML/883	LTC1164-7MJ/883
LTC1060MJ/883	LTC1063MJ8/883	LTC1064-2MJ/883	LTC1164MJ/883	
LTC1061AMJ/883	LTC1064MJ/883	LTC1064-2ML/883	LTC1164AMJ/883	

883 Data Converters

LTC1094MJ/883	LTC1290DMJ/883	LTC1293DMJ/883	LTC1294DMJ/883
LTC1290BMJ/883	LTC1293BMJ/883	LTC1294BMJ/883	
LTC1290CMJ/883	LTC1293CMJ/883	LTC1294CMJ/883	

Other 883

LF198AH/883	LT1010MH/883	LTC201AMJ/883	LTC1043MJ/883	LTC1044MJ8/883
LF198H/883	LT1010MK/883	LTC1041MJ8/883	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	μV nA	J8, H
RH27C	V_{OS} I_{OS}			100 75		130 75		180 90				280 120		400 180	μV nA	H, W
RH37C	V_{OS} I_{OS}			100 75		130 75		180 90				280 120		400 180	μV 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/ μs	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	μV nA	H, J8, W
RH1014	V_{OS} I_{OS}			450 10		450 10		600 15				750 20		900 25	μV nA	J, W
RH1021-5	V_{OUT} TCV _{OUT}	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 _{OUT}	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 _{OUT}	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 ± 10		180 ± 50		250 ± 150				450 ± 250		450 ± 350	μV pA	H, W
RH1078	V_{OS}			350		500		650	75k	800		1000			μV	H, J8, W
	I_{OS}			2		18		13	75k	18		23			nA	J, W
RH1083	V_{REF}	$I_{OUT} = 10mA$, $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.7V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = I_{FULL LOAD}$	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	K
	Dropout V			1.5		1.55		1.65				1.8		2.0	V	
	V_{REF}	$I_{OUT} = 10mA$, $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.7V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = 3A$	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	K
RH1084	V_{REF}	$I_{OUT} = 10mA$, $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.7V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = 3A$	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	K
	Dropout V			1.5		1.55		1.65				1.8		2.0	V	
	V_{REF}	$I_{OUT} = 10mA$, $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.7V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = 3A$	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	K
RH1085	V_{REF}	$I_{OUT} = 10mA$, $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.7V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = 3A$	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	K
	Dropout V			1.5		1.5		1.55				1.6		1.65	V	
	V_{REF}	$I_{OUT} = 10mA$, $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.5V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = 1.5A$ (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	H, K
RH1086	V_{REF}	$I_{OUT} = 10mA$, $(V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.5V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = 1.5A$ (K) $\Delta V_{REF} = 1\%$, $I_{OUT} = 0.5A$ (H)		1.5		1.51		1.52				1.55		1.575	V	