Microcircuit Part Numbering System

5962 - 94* XXX ZZ B Y Y

- 5962 — Fed Stock Class Designator (Microcircuits)
- \- — Rad Hard Identifier
- 94* — Last 2 Digits of FY in Which the Dwg No was Assigned
- XXX — Dwg No in That FY
- ZZ — Type No
- B — Class Designator or Quality Level
  - 1.2.1, MIL-STD-883 ..... M
  - MIL-M-38510 ..... B or S
- Y — Package Designator
- Y — Lead Finish

* 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	SMD 5962-
LT®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	9163206MPA
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

High Speed Op Amps

Generic	SMD 5962-
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

Buffer Amplifiers

Generic	SMD 5962-
LT1010MH, K	8856201XA, YA

Analog-to-Digital Converters

Generic	SMD 5962-
LTC®1291CMJ8	9305701MPA
LTC1292CMJ8	9305702MPA
LTC1293CMJ	9305703MEA
LTC1294CMJ	9305704MRA

Regulators

Generic	SMD 5962-
LT1003MK	8987301XA
LT1020MJ	9084101MCA
LT1033MK	8874101XA
LT1076HVMK	9311902MYA
LT1076MK	9311901MYA
LT1083MK-5	9073901MXA
LT1084MK	8952101XA
LT1084MK-5	9073902MXA
LT1085MK	8864601XA
LT1085MK-5	9073903MXA
LT1086MK, H	8998101XA, YA
LT1086MK-5	9073904MXA
LT1120MJ8	9322401MPA
LT1185MK	9469501MXA

References

Generic	SMD 5962-
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

Comparators

Generic	SMD 5962-
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

Switching Regulators

Generic	SMD 5962-
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

Switching Power Supply Controllers

Generic	SMD 5962-
LT1241MJ8	9319001MPA
LT1242MJ8	9319002MPA
LT1243MJ8	9319003MPA
LT1244MJ8	9319004MPA
LT1245MJ8	9319005MPA

Interface Products

Generic	SMD 5962-
LT1039MJ16, J	8875102EA, VA
LT1080MJ	8766601VA
LT1081MJ	8766602EA
LT1180MJ	9172901MVA
LT1181MJ	9172902MEA
LT1280MJ	9172903MVA
LT1281MJ	9172904MEA
LTC1045MJ	9054501RA
LTC485MJ8	9208001MPA

Filters

Generic	SMD 5962-
LTC1060AMJ	8864101RA
LTC1062MJ8	9159501MPA
LTC1064-1AMJ	9069302MCA
LTC1064-1MJ	9069301MCA
LTC1064-4MJ, L	9064901EA, XA
LTC1064MJ	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 (LM10H)
5962-8760401PA (LM10J8)
5962-8766601VA (LT1080MJ)
5962-8766602EA (LT1081MJ)
5962-8767501XA (LM150K)
5962-8767502XA (LT150AK)
5962-8771501CA (LT1002AMJ)
5962-8773801GA (LT1001MH)
5962-8773801PA (LT1001MJ8)
5962-8773803GPA (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)
5962-8875101VA (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)
5962-9305704MRA (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)
5962-9323802MPA (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

883 Operational Amplifiers

LF155AH/883	LM101AH/883	LT1006MH/883	LT1024MD/883	LT1172MJ8/883	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	LTC1050AMJ/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	LTC1050MJ/883	OP-07J8/883	OP-37CJ8/883
LF412AMJ8/883	LT118AJ8/883	LT1012MD/883	LT1079MJ/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	LTC1052MJ/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	LT1058MJ/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	LT1058AMJ/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	LT1026MH8/883	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	LT1524J/883	LT1847J/883
LT1070HVMK/883	LT1072HVMK/883	LT1243MJ8/883	LT1525AJ/883	SG1524J/883
LT1071MK/883	LT1072MJ8/883	LT1244MJ8/883	LT1527AJ/883	SG1525AJ/883
LT1071HVMK/883	LT1241MJ8/883	LT1245MJ8/883	LT1846J/883	SG1527AJ/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) MIN	10Krad (Si) MAX	20Krad (Si) MIN	20Krad (Si) MAX	50Krad (Si) MIN	50Krad (Si) MAX	80Krad (Si) MIN	80Krad (Si) MAX	100Krad (Si) MIN	100Krad (Si) MAX	200Krad (Si) MIN	200Krad (Si) MAX	UNITS	PACKAGE OPTIONS
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}	$3V \le (V_{IN} - V_{OUT}) \le 40V$ $10mA \le I_{OUT} \le I_{MAX}$, $P \le P_{MAX}$	1.20	1.30	1.20	1.30	1.20	1.30			1.20	1.30			V	H, K
RH118	V_{OS} SR	$V_S = \pm15V$, $A_V = 1$	50	4	50	4	50	4			50	4	50	10	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/°C ppm/°C ppm/°C	H
RH137	V_{REF}	$\lvert V_{IN} - V_{OUT} \rvert \le 5V$, $I_{OUT} = 10mA$ $3V \le \lvert V_{IN} - V_{OUT} \rvert \le 40\ V$ $10mA \le I_{OUT} \le I_{MAX}$, $P \le P_{MAX}$	–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/°C ppm/°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/°C ppm/°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/°C ppm/°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} Dropout V	$I_{OUT} = 10mA$ $(V_{IN} - V_{OUT}) = 3V$ $10mA \le I_{OUT} \le I_{FULL\ LOAD}$ $1.5V \le (V_{IN} - V_{OUT}) \le 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = I_{FULL\ LOAD}$	1.234 1.210	1.258 1.275 1.5	1.232 1.219	1.257 1.275 1.55	1.227 1.215	1.253 1.275 1.65			1.223 1.210	1.247 1.275 1.8	1.216 1.203	1.241 1.275 2.0	V V V	K
RH1084	V_{REF} Dropout V	$I_{OUT} = 10mA$ $(V_{IN} - V_{OUT}) = 3V$ $10mA \le I_{OUT} \le I_{FULL\ LOAD}$ $1.5V \le (V_{IN} - V_{OUT}) \le 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = 3A$	1.234 1.210	1.258 1.275 1.5	1.232 1.219	1.257 1.275 1.55	1.227 1.215	1.253 1.275 1.65			1.223 1.210	1.247 1.275 1.8	1.216 1.203	1.241 1.275 2.0	V V V	K
RH1086	V_{REF} Dropout V	$I_{OUT} = 10mA$ $10mA \le I_{OUT} \le I_{FULL\ LOAD}$ $1.5V \le (V_{IN} - V_{OUT}) \le 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = 1.5A$ (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

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