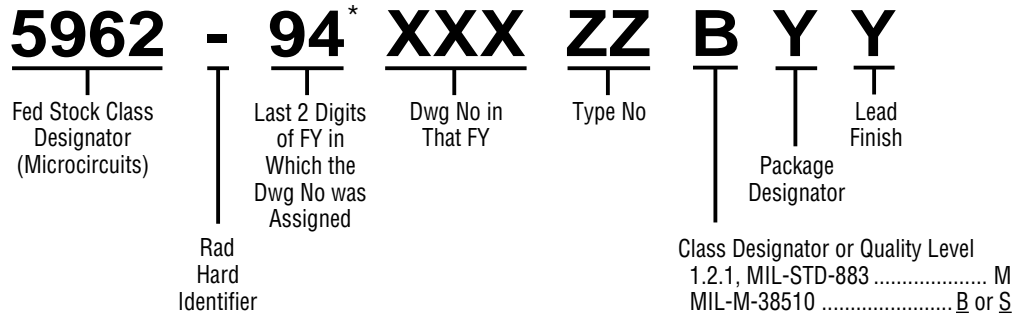


Microcircuit Part Numbering System



* 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
 LT1076HVMMK
 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
 9073902MXXA
 8864601XA
 9073903MXXA
 8998101XA, YA
 9073904MXXA
 9322401MPA
 9469501MXXA

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

Comparators

Generic

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

Switching Regulators

Generic

LT1070HVMMK
 LT1070MK
 LT1071HVMMK
 LT1071MK
 LT1072HVMMK
 LT1072MJ8, K
 LT1074MK
 LT1074HVMMK
 LT1111MJ8
 LTC1052MH, J8, J

Switching Power Supply Controllers

Generic

LT1241MJ8
 LT1242MJ8
 LT1243MJ8
 LT1244MJ8
 LT1245MJ8

Interface Products

Generic

LT1039MJ16, J
 LT1080MJ
 LT1081MJ
 LT1180MJ
 LT1181MJ
 LT1280MJ
 LT1281MJ
 LTC1045MJ
 LTC485MJ8

Filters

Generic

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

8980202XA
 8980203XA

8686101XA

8686102XA

SMD 5962-

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

SMD 5962-

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

SMD 5962-

9319001MPA
 9319002MPA
 9319003MPA
 9319004MPA
 9319005MPA

SMD 5962-

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

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 (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) | | |
| JAN B QPL | 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) | | |
| 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 (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 (LT1071HVMK) 5962-9082506MYA (LT1072HVMK) 5962-9084101MCA (LT1020MJ) 5962-9084201MGA (LT1012MH) 5962-9084201MGA (LT1012MJ8) 5962-9084202MGA (LT1012AMH) 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) | | |
| 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 | 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 | |
| | | | | | | | |
| | | | | | | | |
| | 883 High Speed Op Amps | 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 | |
| | | | | | | | |
| | | | | | | | |
| 883 Regulators | 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 | 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 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 883 References | 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 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 883 Comparators | 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 | |
| | | | | | | | |
| | | | | | | | |
| 883 Switched-Mode Control Circuits | 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 | | | |
| | | | | | | | |
| | | | | | | | |
| 883 Interface | LT1032MJ/883 | LT1080MJ/883 | LT1181AMJ/883 | LTC485MJ/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 | 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 | | | |
| | | | | | | | |
| | | | | | | | |
| 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 | 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 | 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 | -1.225 -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 | 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} I_{OS} | | | 350 2 | | 500 18 | | 650 13 | 75k 18 | 800 | | 1000 23 | | | μV 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 |