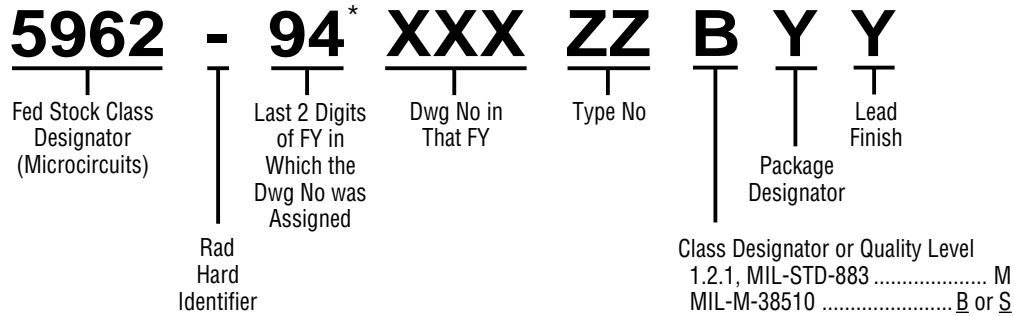


Microcircuit Part Numbering System


* 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 (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)
 JM38510/10103BJA (LM101AJ8)
 JM38510/10104BCA (LM108AJ)
 JM38510/10104BGA (LM108AH)
 JM38510/10104BHA (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 (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 (LT5805SH)
 5962-8686102XA (LT5807TH)
 5962-8686103XA (LT5808UH)
 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 (LM101H)
 5962-8760401PA (LM101J8)
 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 (LT1001AMJ8)
 5962-8774101XA (LT1033MK)
 5962-8775011YA (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)
 5962-8978201CA (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)
 5962-9081701MCA (LT1057AMJ8)
 5962-9081702MXA (LT1057MH)
 5962-9081702MCA (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)
 5962-9084201MCA (LT1012MJ8)
 5962-9084202MGA (LT1012AMH)
 5962-9084202MCA (LT1012AMJ8)
 5962-9159501MPA (LTC1062MJ8)
 5962-9161901MCA (LTC1042MJ8)
 5962-9163201MCA (LT1079MJ)
 5962-9163202MCA (LT1079AMJ)
 5962-9163203MCA (LT1078MJ)
 5962-9163204MCA (LT1078AMJ)
 5962-9163204MCA (LT1078AMH)
 5962-9163204MCA (LT1078AMJ8)
 5962-9172901MCA (LT1180MJ)
 5962-9172902MEA (LT1181MJ)
 5962-9172903MVA (LT1280MJ)
 5962-9172904MEA (LT1281MJ)
 5962-9207901MCA (LT1172MJ8)
 5962-9207901MCA (LT1172MJ8)
 5962-9208001MCA (LTC485MJ8)
 5962-9208001MCA (LTC1291CMJ8)
 5962-9208002MCA (LTC1292CMJ8)
 5962-9208003MCA (LTC1293CMJ8)
 5962-9208004MCA (LTC1294CMJ8)
 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)
 5962-9322201MCA (LT1120MJ8)
 5962-9323801MCA (LT1125MJ)
 5962-9323802MCA (LT1124MJ8)
 5962-9323803MCA (LT1245MJ8)
 5962-9323804MCA (LT1244MJ8)
 5962-9451601MCA (LT118AJ8)
 5962-9460001MGA (LTC1051MH)
 5962-9460002MGA (LTC1051AMH)
 5962-9470901MCA (LTC1041MJ8)

Radiation Hardened

RH07
 RH27C
 RH37C
 RH101A

RH108A
 RH111
 RH137
 RH118

RH119
 RH129
 RH137
 RH1009

RH1011
 RH1013
 RH1014
 RH1021-5

RH1021-7
 RH1021-10
 RH1056
 RH1078

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	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			
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	-1.22	-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	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	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}	$I_{OUT} = 10mA$ ($V_{IN} - V_{OUT}) = 3V$ $10mA \leq I_{OUT} \leq I_{FULL LOAD}$ $1.5V \leq (V_{IN} - V_{OUT}) \leq 15V$ $\Delta V_{REF} = 1\%$, $I_{OUT} = I_{FULL LOAD}$	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	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
	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		1.257 1.269		1.253 1.265				1.247 1.260		1.241 1.253	V V	H, K
RH1086	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		1.257 1.269		1.253 1.265				1.247 1.260		1.241 1.253	V V	H, K
	Dropout V			1.5		1.51		1.52				1.55		1.575	V	