



# **HIGH POWER AMP SOLUTION**

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## HF/VHF Band High Power AMP

Part No	Frequency	Gain	Power	IMD/ACLR	DC	Dimension
RPA59B58G37P37SN	30~88MHz	37dB	37dBm(5W)/CW	OIP3 56dBm@34dBm 2Tone	50V/1.5A	220x150x30
RPA59B58G43P43SN	30~88MHz	43dB	43dBm(20W)/CW	OIP3 64dBm@40dBm 2Tone	50V/2.5A	220x150x30
RPA59B58G49P46SN	30~88MHz	49dB	46dBm(40W)/CW	OIP3 70dBm@43dBm 2Tone	50V/5A	220x150x30
RPA163.5B163G35P36SS	87~240MHz	35dB	36dBm(4W)/CW	44dBc / 2tone(33dBm) P1dB = 45dBm	27V/3A	160x140x25
RPA98B20G47P33SS	88~108MHz	47dB	33dBm(2W) /CW40tone	<-40dBc@+31dBm <-30dBc@+37dBm	27V/1.4A	162.5x73x29
RPA98B20G50P40SS	88~108MHz	50dB	40dBm(10W) /CW20tone	-45dBc@+40dBm	27V/3.5A	160x90x25
RPA98B20G60P47SS	88~108MHz	60dB	47dBm(50W)/CW	48dBc(-4dBm) / 2tone(44dBm)	27V/8A	302x177x40
RPA98B20G47P33SS	88~108MHz	47dB	33dBm(2W)/CW	-50dBc@30dBm 2Tone	27V/2.5A	150x150x25
RPA98B20G50P40SS	88~108MHz	50dB	40dBm(10W)/CW	-50dBc@37dBm 2Tone	27V/4A	150x150x25
RPA150B20G50P45SN	100~200MHz	50dB	45dBm(30W)/CW	60dBc(-18dBm) / 2tone(42dBm)	28V/8A	280x250x40
RPA161B50G37P37SN	136~174MHz	37dB	37dBm(5W)/CW	OIP3 56dBm@34dBm 2Tone	50V/1.5A	220x150x30
RPA161B50G43P43SN	136~174MHz	43dB	43dBm(20W)/CW	OIP3 64dBm@40dBm 2Tone	50V/2.5A	220x150x30
RPA161B50G49P46SN	136~174MHz	49dB	46dBm(40W)/CW	OIP3 70dBm@43dBm 2Tone	50V/5A	220x150x30
RPA165B05G39P36NN	163~168MHz	39dB	36dBm(4W)/CW	50dBc / 6tone(28dBm) Chsp : 100Khz	50V/3A	280x250x35
RPA165B05G45P39SN	163~168MHz	45dB	39dBm(8W)/CW	55dBc / 6tone(31.5dBm) Chsp : 100Khz	50V/3A	280x250x35
RPA210B60G45P33SS	180~240MHz	45dB	33dBm(2W)/CW	50dBc / 2tone(30dBm)	27V/4A	150x150x25
RPA210B60G45P36SS	180~240MHz	45dB	36dBm(4W)/CW	50dBc / 2tone(33dBm)	27V/5A	150x150x25

## TETRA Band High Power AMP

Part No	Frequency	Gain	Power	IMD/ACLR	DC	Dimension
RPA400B40G55P48SN	300~450MHz (40MHz BW)	55dB	48dBm(63W)/CW	60dBc(-15dBm) / 2tone(45dBm)	28V/10A	280x250x40
RPA400B20G55P50SN	300~450MHz (20MHz BW)	55dB	50dBm(100W)/CW	50dBc(0dBm) / 2tone(47dBm)	28V/12A	300x270x40
RLA340B8G45P38SS	336~344MHz	45dB	38dBm(6.3W)/CW	-74dBc(-39dBm) / 2tone(35dBm)	27V/2A	180x150x28
RLA340B8G45P40SS	336~344MHz	45dB	40dBm(10W)/CW	-66dBc(-26dBm) / 2tone(37dBm)	27V/2A	180x150x28
RLA382.5B5G45P38SS	380~385MHz	45dB	38dBm(6.3W)/CW	-74dBc(-39dBm) / 2tone(35dBm)	27V/2A	180x150x28
RLA387.5B15G45P38SS	380~395MHz	45dB	38dBm(6.3W)/CW	-74dBc(-39dBm) / 2tone(35dBm)	27V/2A	180x150x28
RLA400B40G45P36SS	380~400MHz	45dB	36dBm(4W)/CW	-66dBc / 4tone Ch sp;100khz	27V/2A	180x150x28
<b>RLA390B20G45P38SS(E20)</b>	<b>380~400MHz</b>	<b>45dB</b>	<b>38dBm(6.3W)/CW</b>	<b>-70dBc@34dBm 2Tone</b>	<b>27V/1.16</b>	<b>180x150x28</b>
<b>RLA390B20G45P38SS</b>	<b>380~400MHz</b>	<b>45dB</b>	<b>38dBm(6.3W)/CW</b>	<b>-74dBc@35dBm 2Tone</b>	<b>27V/1.6A</b>	<b>180x150x28</b>
RLA400B5G54P43SN	380~420MHz (5MHz BW)	54dB	43dBm(20W)/CW	<-76dBc(-36dBm)/ 2tone(40dBm)	28V/7A	170x185x35
RLA400B5G54P46SN	380~420MHz (5MHz BW)	54dB	46dBm(40W)/CW	<-70dBc(-36dBm)/ 2tone(43dBm)	28V/15A	250x210x40
<b>RLA400B5G54P43SS</b>	<b>380~420MHz</b>	<b>54dB</b>	<b>43dBm(20W)/CW</b>	<b>-36dBm@40dBm 2Tone</b>	<b>27V/7A</b>	<b>170x185x35</b>
RLA407.5B40G45P38SS	387.5~427.5MHz	45 dB	38dBm(6.3W)/CW	-71dBc(-36dBm) / 2tone(35dBm)	27V/2A	180x150x28
RLA392.5B05G45P37SS	390~395MHz	45dB	37dBm(5W)/CW	66dBc(-32dBm) / 2tone(34dBm)	27V/2A	180x180x40
<b>RPA392.5B5G30P28SS</b>	<b>390~395MHz</b>	<b>30dB</b>	<b>28dBm(630mW)/CW</b>	<b>-36dBm@25dBm 2Tone</b>	<b>27V3A</b>	<b>160x140x25</b>
<b>RPA392.5B5G35P33SS</b>	<b>390~395MHz</b>	<b>35dB</b>	<b>33dBm(2W)/CW</b>	<b>-36dBm@30dBm 2Tone</b>	<b>27V/3A</b>	<b>160x140x25</b>
RLA410B05G45P37SS	390~410MHz	45dB	37dBm(5W)/CW	74dBc(-40dBm) / 2tone(34dBm)	27V/1.5A	180x150x28
RLA410B40G45P38SS	390~430MHz	45dB	38dBm(6.3W)/CW	74dBc(-39dBm) / 2tone(35dBm)	27V/2A	180x150x28
RLA410B40G45P40SS	390~430MHz	45dB	40dBm(10W)/CW	68dBc(-31dBm) / 2tone(37dBm)	27V/2.5A	180x150x28
<b>RLA410B40G45P38SS</b>	<b>390~430MHz</b>	<b>45dB</b>	<b>38dBm(6.3W)/CW</b>	<b>-74dBc@35dBm 2Tone</b>	<b>27V/1.6A</b>	<b>180x150x28</b>
<b>RPA429B78G30P33SS</b>	<b>390~468MHz</b>	<b>30dB</b>	<b>33dBm(2W)/CW</b>	<b>-30dBm@25dBm 6Tone</b>	<b>27V/3A</b>	<b>160x140x25</b>
RLA420B20G45P38SS	410~430MHz	45dB	38dBm(6.3W)/CW	-71dBc(-36dBm) / 2tone(35dBm)	27V/2A	180x150x28
RPA422.5B5G35P33SS	420~ 425MHz	35dB	33dBm(2W)/CW	66Bc / 2tone(30dBm) Ch sp. : 1Mhz	28V/3A	160x140x25
<b>RPA422.5B5G35P33SS</b>	<b>420~425MHz</b>	<b>35dB</b>	<b>33dBm(2W)/CW</b>	<b>-36dBm@30dBm 2Tone</b>	<b>28V/3A</b>	<b>160x140x25</b>
RLA440B40G45P36SS	420~460MHz	45dB	36dBm(4W)/CW	-66dBc / 4tone Ch sp;100khz	27V/2A	180x150x28
<b>RPA425B6G30P28SS</b>	<b>422~428MHz</b>	<b>30dB</b>	<b>28dBm(630mW)/CW</b>	<b>-36dBm@25dBm 2Tone</b>	<b>27V3A</b>	<b>160x140x25</b>
<b>RLA450B40G45P38SS</b>	<b>430~470MHz</b>	<b>45dB</b>	<b>38dBm(6.3W)/CW</b>	<b>-74dBc@35dBm 2Tone</b>	<b>27V/1.6A</b>	<b>180x150x28</b>
RLA450B20G45P38SS	440~460MHz	45dB	38dBm(6.3W)/CW	-71dBc(-36dBm) / 2tone(35dBm)	27V/2A	180x150x28
<b>RLA460B20G45P38SS</b>	<b>450~470MHz</b>	<b>45dB</b>	<b>38dBm(6.3W)/CW</b>	<b>-74dBc@35dBm 2Tone</b>	<b>27V/1.6A</b>	<b>180x150x28</b>

RLA465B30G43P40NN	450~480MHz	43dB	40dBm(10W)/CW	52dBc / 6tone(32dBm) Ch sp. : 100Khz	27V/4A	185x165x35
RLA470B05G70P46SN	450~490MHz	70dB	46dBm(40W)/CW	60dBc(-17dBm) / 2tone(43dBm)	27V/13.5A	250x245x60
RLA470B05G60P46SS	450~490MHz	60dB	46dBm(40W)/CW	-60dBc@43dBm 2Tone	27v/13.5A	165x185x35
RPA500B20G50P46SN	450~600MHz (20MHz BW)	50dB	46dBm(40W)/CW	55dBc(-12dBm) / 2tone(43dBm)	28V/8A	270x250x35
RLA470.5B35G40P42SN	453~488MHz (5MHz BW)	40dB	42dBm(15.8W)/CW	58dBc / 5tone(35dBm) Ch sp. : 100Khz	27V/5A	185x165x35
RPA465B6G30P28SS	462~468MHz	30dB	28dBm(630mW)/CW	-36dBm@25dBm 2Tone	27V3A	160x140x25
RLA467.5B05G60P36SS	465~470MHz	60dB	36dBm(4W)/CW	-60dBc@33dBm 2Tone	24V/1.5	180x150x28
RLA469B2G45P38SS	468~470MHz	45dB	38dBm(6.3W)/CW	-71dBc(-36dBm) / 2tone(35dBm)	27V/2A	180x150x28
RLA485B10G43P43NN	480~490MHz	40dB	43dBm(20W)/CW	52dBc / 10tone(32dBm) Chsp : 100Khz	27V/5.5A	185x165x35

## UHF Band High Power AMP(~1GHz)

Part No	Frequency	Gain	Power	IMD/ACLR	DC	Dimension
RPA750B20G50P45SN	700~800MHz (20MHz BW)	50dB	45dBm(30W) /CW, LTE	60dBc(-23dBm) / 2tone(42dBm)	27V/8A	200x200x35
RLA742.5B29G41P35SS	728~757MHz	41dB	35.5dBm(3.5W)/CW	68dBc(-35.5dBm) / 2tone(32.5dBm)	28V/1.7A	130x120x25
RPA742.5B29G45P38SS	728~757MHz	45dB	38dBm(6.3W)/CW	-71dBc(-36dBm) / 2tone(35dBm)	27V/2A	180x150x28
RPA742.5B29G41P35SS	728~757MHz	41dB	35.5dBm(3.5W)/CW	-13dBm (E-UTRACategoryA)	28V/1.7A	120x120x25
RPAX760.5B65G55P45SN	728~793MHz (20MHz BW)	55dB	45dBm(31.6W)/LTE	< -45dBc(min) @ ±10MHz < -50dBc(min) @ ±20MHz	28V/3.76A	167x157x37
RPAXN760.5B65G55P43SN	728~793MHz (15MHz BW)	55dB	43dBm(20W)/LTE	< -45dBc(min) @ ±10MHz < -50dBc(min) @ ±20MHz	28V/2A	167x157x37
RLA745B65G45P38SS_LTE	728~793MHz	45dB	38dBm(5.3W)/LTE	< -45dBc(min) @ ±10MHz < -50dBc(min) @ ±20MHz	27V/2A	180x150x28
RPA773B66G50P38SS	740~806MHz	50dB	38dBm(6.3W)	58dBc(-23dBm) / 2tone(35dBm)	27V/5A	170x185x25
RPA822.5B105G49P36SS	770~875MHz	49dB	36dBm(4W)/CW	-20dBc / 2tone, Chsp : 100KHz	28V/2.5A	160x87x25
RLA806B30G45P38SS	791~821MHz	45dB	38dBm(6.3W)/CW	-70dBc @ 2tone(35dBm), Chsp : 100KHz ~ 15MHz	27V/3A	180x150x28
RPA1750B1900G45P33SS	800~2700MHz	45dB	33dBm(2W)/CW	-27dBc@30dBm 2Tone	27V/3A	87x160x25
RLA850B25G45P38SS	800~900MHz (25MHz BW)	45dB	38dBm(6.5W)/CW	71dBc / 2tone(35dBm)	27V/1.6A	180x150x28
RPA850B25G45P38SS	800~900MHz (25MHz BW)	45dB	38dBm(5W) /CW, GSM,LTE	71dBc(-36dBm) / 2tone(35dBm)	27V/5A	185x200x30
RPA850B25G45P43SS	800~900MHz (25MHz BW)	45dB	43dBm(20W) /CW, GSM,LTE	60dBc(-20dBm) / 2tone(40dBm)	27V/6A	185x200x30
RPA850B25G55P48SN	800~900MHz (25MHz BW)	55dB	48dBm(63W) /CW, GSM,LTE	55dBc(-10dBm) / 2tone(45dBm)	27V/10A	250x250x35
RPA850B20G55P50SN	800~900MHz (20MHz BW)	55dB	50dBm(100W) /CW, GSM,LTE	50dBc(-3dBm) / 2tone(47dBm)	27V/12A	300x250x35
RPA813.5B15G52P33SS	806~821MHz	52dB	33dBm(2W)/CW	-66dBc(-36dBm) / 2tone(30dBm)	27V/1.5A	150x120x28
RLA815.5B19G40P40SS	806~825MHz	40dB	40dBm(10W)/CW	-65dBc(-28dBm) 2tone(37dBm)	27V/4A	180x150x28
RLA815.5B19G40P40SS-D	806~825MHz	40dB	40dBm(10W)/CW	-60dBc(-23dBm) 2tone(37dBm)	28V/3A	228x110x35
RLA848B42G72P48SN	806~890MHz (42MHz BW)	72dB	48dBm(63W)/CW	<-39dBc @±750KHz <-57dBc @±1.98MHz	27V/20A	250x245x60
RLA852.5B05G45P47SN	850~855MHz	45dB	47dBm(50W)/CW	60dBc / 6tone(39dBm) Chsp : 100KHz	27V/15A	185x165x35
RLA852.5B05G49P47NN	850~855MHz	49dB	47dBm(50W)/CW	52dBc / 12tone(35dBm) Chsp : 100KHz	27V/15A	185x165x35
RPA858.5B15G52P33SS	851~866MHz	52dB	33dBm(2W)/CW	-66dBc(-36dBm) / 2tone(30dBm)	27V/1.5A	150x120x28
RLA860.5B19G40P40SS	851~870MHz	40dB	40dBm(10W)/CW	-65dBc(-28dBm) 2tone(37dBm)	27V/4A	180x150x28
RLA860.5B19G40P40SS-D	851~870MHz	40dB	40dBm(10W)/CW	-60dBc(-23dBm) 2tone(37dBm)	28V/3A	228x110x35
RLA872.5B43G54P43SS	851~894MHz	54dB	43dBm(20W)/CW	60dBc / 8tone	27V/6A	185x150x28
RPA872.5B43G50P45SN	851~894MHz	50dB	44.7dBm(30W)/CW	50dBc / 2tone(41.7dBm)	27V/11A	160x160x20
RPA876.5B35G45P33SS	859~894MHz	45dB	33dBm(2W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/2A	150x120x25
RPA876.5B35G45P38SS	859~894MHz	45dB	38dBm(6.3W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/3.5A	150x120x25
RPA876.5B35G45P45SS	859~894MHz	45dB	45dBm(31.6W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/13A	180x180x25

RLA881.5B25G41P35SS	869~894MHz	41dB	35.5dBm(3.5W)/CW	70dBc / 2tone(52.5dBm)	27V/1.7A	130x120x25
RPA881.5B43G50P45SN	869~894MHz	50dB	35dBm(3W)/WCDMA	<-42dBc@±5MHz <-55dBc@±10MHz	27V/2A	120x120x25
RPA881.5B25G45P35SS (WCDMA)	869~894MHz	45dB	35dBm(3.2W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/1.5A	130x120x25
RLA881.5B25G54P47SS	869~894MHz	54dB	47dBm(50W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	28V/15A	250x240x40
RPA881.5B25G45P40SS	869~894MHz	45dB	40dBm(10W)/LTE	< -45dBc(min) @ ±10MHz < -50dBc(min) @ ±20MHz	27V/2A	120x150x25
RPA940B40G45P38SS	920~960MHz	45dB	38dBm(10W)/CW	70dBc(-35dBm) / 2tone(35dBm)	27V/1.5A	180x150x28
RLA940B40G50P42SS	920~960MHz	50dB	42dBm(10W)/CW	-73dBc(-34dBm) 2tone(39dBm)	27V/5A	185x155x35
RLA942.5B35G54P46SN	920~960MHz	54dB	46dBm(40W)/CW	-70dBc(-27dBm) 2tone(43dBm)	28/15A	250x210x40
RLA940B40G45P38SS	920~960MHz	45dB	38dBm(6.3W)/CW	-35dBm@35dBm 3Tone	27V/2A	180x150x28
RPA940.5B39G58P40SS	921~960MHz	49dB	40dBm(10W)/CW	-56dBc / 2tone(35dBm) Chcp : 600KHz	27V/6.5A	220x102x30
RPA942.5B35G40P40SS	925 ~960MHz	40dB	40dBm(10W)/CW	26dBc (14dBm)/ 2tone(37dBm)	27V/4A	130x100x26
RPA942.5B35G41P31SS	925~960MHz	41dB	31dBm(1.3W)/CW	36dBc(-8dBm) / 2tone(28dBm)	28V/2A	120x120x21
RLA942.5B35G41P35SS	925~960MHz	41dB	35dBm(3W)/CW	72dBc(-39dBm) / 2tone(32dBm)	27V/4A	130x120x25
RPA942.5B35G40P39SS	925~960MHz	40dB	39.5dBm(9.1W)/CW	OIP3=50dBm@36dBm/2tone	27V/0.9A	80x100x22
RPA942.5B35G45P36SS	925~960MHz	45dB	36dBm(4W)/CW	54dBc/ 2tone(33dBm)	27V/3A	150x120x25
RPA942.5B35G30P41SS	925~960MHz	30dB	41.8dBm(15W)/CW	OIP3=51dBm@ 2tone 39dBm, Chsp : 100KHz	27V/1.8A	90x80x25
RPA942.5B35G40P40SS	925~960MHz	40dB	40dBm(10W)/CW	26dBc(+6dBm) / 2tone(32dBm)	27V/4A	130x100x26
RPA942.5B35G50P46SS	925~960MHz	50dB	46dBm(40W)/CW	36dBc (10dBm)/ 2tone(43dBm)	27V/12A	170x140x25
RLA942.5B35G58P47SN	925~960MHz	58dB	47dBm(50W)/OIP3	≥ 66dBm min 35dBm/2Tone	27V/7.5A	190x100x25
RLA942.5B35G54P48SS-C	925~960MHz	54dB	48dBm(60W)/CW	-60dBc / 10tone	48V/10A	242x266x40
RLA942.5B35G41P35SS	925~960MHz	41dB	35dBm(3.2W)/CW	-39dBm@32dBm 2Tone	27V/1.5A	180x150x28
RLA942.5B35G45P38SS_GSM	925~960MHz	45dB	38dBm(6.3W)/CW	-36dBm@35dBm 2Tone	27V/2A	180x150x28
RLA942.5B35G45P40SS	925~960MHz	45dB	40dBm(10W)/CW	-36dBm@37dBm 2Tone	27V/3.5A	155x185x35
RLA947.5B25G54P43SS	935~960MHz	54dB	43dBm(20W)/CW	-60dBc / 8tone	27V/5.5A	185x150x28
RPA950B20G50P45SN	940~960MHz	50dB	45dBm(30W)/CW	50dBc (-8dBm)/ 2tone(42dBm)	27V/11A	250x205x30
RLA958B15G54P48SS	951~966MHz	54dB	48dBm(63W)/CW	65dBc(-20dBm) / 2tones(45dBm)	27V/15A	242x266x40

## L Band High Power AMP(1~2GHz)

Part No	Frequency	Gain	Power	IMD/ACLR	DC	Dimension
RPA1200B20G50P43SS	1190~1210MHz	50dB	43dBm(20W)/CW	60dBc(-20dBm) / 2tone(40dBm)	27V/8A	280x250x30
RPA1500B20G50P43SS	1490~1510GHz	50dB	43dBm(20W)/CW	60dBc(-20dBm) / 2tone(40dBm)	27V/8A	280x250x30
RPA1600B200G49P45SS	1500~1700MHz	49dB	45dBm(31.6W)/CW	OIP3 55dBm@42dBm 2Tone	24V/7A	87x160x25
RPA1600B200G49P33SS	1500~1700MHz	49dB	33dBm(2W)/CW	OIP3 43dBm@30dBm 2Tone	24V/2A	87x160x25
RPA1747.5B35G41P42SS	1730~1765MHz	50dB	42dBm(16W)/CW	OIP3 = 57dBm@ 42dBm	27V/3A	110x120x25
RPA1850B25G45P38SS	1800~1900MHz (25MHz BW)	45dB	38dBm(5W) /CW, GSM	71dBc(-36dBm) / 2tone(35dBm)	27V/5A	185x200x30
RPA1850B30G50P45SN	1800~1900MHz (30MHz BW)	50dB	45dBm(30W) /CW, GSM	60dBc(-18dBm) / 2tone(42dBm)	27V/8A	210x250x30
RLA1850B30G45P38SS	1800~1900MHz	45dB	38dBm(6W)/CW	71dBc (-36dBm) / 2tone(35dBm)	27V/1.5A	180x150x28
RPA2000B400G35P40SS	1800~2200MHz	35dB	40dBm(10W)/CW	Not Assigned	27V/2A	150x100x25
RLA1817.5B25G50P43SS	1805~1830MHz	50dB	43dBm(20W)/CW	70dBc(-29dBm) / 2tones(41dBm)	27V/6A	155x185x35
RLA1821.9B35G54P43SS	1805~1840MHz	54dB	43dBm(20W)/CW	-65 @ 2tonechsp;1MHz -60 @ 16 tonechsp;600KHz	27V/6A	185x150x28
RLA1822.5B35G54P43SS	1805~1840MHz	54dB	43dBm(20W)/CW	-65 @ 2tonechsp;1MHz -60 @ 16 tonechsp;600KHz	27V/6A	185x150x28
RLA1842.5B75G41P35SS	1805~1880MHz	41dB	35dBm(3W)/CW	70dBc(-38dBm) / 2tones(32dBm)	27V/2A	130x120x25
RLA1842.5B75G45P36SS	1805~1880MHz	45dB	36dBm(4W)/CW	54dBc @ 2tone, chsp :1MHz	27V/4A	150x120x25
RLA1842.5B75G45P38SS	1805~1880MHz	45dB	38dBm(6.3W)/CW	60dBc @ 2tone, chsp : 1MHz ~ 37.5Mhz	27V/3A	180x150x28
RLA1842.5B75G50P40SS	1805~1880MHz	50dB	40dBm(10W)/CW	70dBc(-33dBm) / 2tones(37dBm)	27V/3.5A	155x185x35
RPA1842.5B75G40P40SS	1805~1880MHz	40dB	40dBm(10W)/CW	26dBc(+11dBm) / 2tones(37dBm)	27V/4A	130x100x26
RLA1842.5B60G54P46SN	1805~1880MHz	54dB	46dBm(40W)/CW	-70dBc(-27dBm) 2tone(43dBm)	28V/15A	250x210x40
RLA1842.5B75G41P35SS	1805~1880MHz	41dB	35dBm(3.2W)/CW	-38dBm@32dBm 2Tone	27V/2A	155x185x35
RLA1842.5B75G50P40SS	1805~1880MHz	50dB	40dBm(10W)/CW	-33dBm@37dBm 2Tone	27V/3.5A	155x185x35
RLA1842.5B75G45P40SS	1805~1880MHz	45dB	40dBm(10W)/CW	-30dBm@37dBm 2Tone	27V/3.5A	155x185x35
RLA1850B25G45P38SS	1805~1880MHz	45dB	38dBm(6.3W)/CW	-71dBc@35dBm 2Tone	27V/2.5A	155x185x35
RLA1821.9B11G50P43SS	1816.4 ~1827.4MHz	50dB	43dBm(20W)/CW	-70dBc(-30dBm) 2tone(40dBm)	27V/6A	185x155x35
RPA1842.5B35G30P41SS	1825~1860MHz	30dB	41.8Bm(15W)/CW	OIP3=51dBm@2tone 39dBm, chsp : 100KHz	27V/1.8A	80x90x25
RLA1850B20G53P48SN	1840~1860MHz	53dB	48dBm(63W) /CW, CDMA	<-50dBc@±885kHz <-53dBc@±1.98MHz	27V/20A	260x300x54
RLA1860B40G54P43SS	1840~1880MHz	54dB	43dBm(20W)/CW	-65 @ 2tonechsp;1MHz -60 @ 16 tonechsp;600KHz	27V/6A	185x150x28
RLA1865B10G50P46SS	1860~1870MHz	50dB	46dBm(6W) /CDMA7FA	<-38dBc@±885kHz <-44dBc@±1.98MHz	27V/14A	220x170x25
RPA1950B30G45P43SS	1900~2000MHz (30MHz BW)	45dB	43dBm(20W) /CW, WCDMA	60dBc(-20dBm) / 2tone(40dBm) <-50dBc@±5MHz <-53dBc@±10MHz	27V/6A	200x200x30



RPA1950B30G50P46SN	1900~2000MHz (30MHz BW)	50dB	46dBm(40W) /CW, WCDMA	55dBc(-12dBm) / 2tone(43dBm) <-50dBc@±5MHz <-53dBc@±10MHz	27V/8A	210x250x30
RPA1950B30G55P48SN	1900~2000MHz (30MHz BW)	55dB	48dBm(63W)/CW	55dBc(-10dBm) / 2tone(45dBm)	27V/10A	280x250x30
RPA1950B30G55P48SN	1900~2000MHz (30MHz BW)	55dB	48dBm(63W) /CW, WCDMA	55dBc(-10dBm) / 2tone(45dBm) <-50dBc@±5MHz <-53dBc@±10MHz	27V/10A	280x250x30
RPA1930B20G45P37SS	1920~1940MHz	45dB	37dBm(5W) /CW, CDMA	<-28dBc@±750kHz <-38dBc@±1.98MHz	27V/4A	130x100x26
RLA1940B40G45P39SS	1920~1960MHz	45dB	39dBm(8W)/CW	65dBc (-29dBm) / 2tone(36dBm)	27V/5A	180x180x40
RLA1962.5B65G50P35SS	1930~1995MHz	41dB	35.5dBm(3.5W)/CW	70dBc(-37.5dBm) / 2tone(32.5dBm)	28V/2A	130x120x25
RPA1962.5B65G41P35SS	1930~1995MHz	41dB	35.5dBm(3.5W) /CDMA1FA	<-42dBc@±885kHz <-52dBc@±1.98MHz	28V/2.3A	120x120x25
RLA1962.5B65G50P45SN	1930~1995MHz	50dB	45dBm(30W) /CDMA11FA	<-45dBc@±885kHz <-47dBc@±1.98MHz	27V/13A	290x220x57



## S Band High Power AMP(2~4GHz)

Part No	Frequency	Gain	Power	IMD/ACLR	DC	Dimension
RPA2150B30G45P43SS	2100~2200MHz (30MHz BW)	45dB	43dBm(20W) /CW, WCDMA	60dBc(-20dBm) / 2tone(40dBm) <-50dBc@±5MHz <-53dBc@±10MHz	27V/6A	200x200x30
RPA2150B30G50P46SN	2100~2200MHz (30MHz BW)	50dB	46dBm(40W) /CW, WCDMA	55dBc(-12dBm) / 2tone(43dBm) <-50dBc@±5MHz <-53dBc@±10MHz	27V/8A	210x250x30
RPA2150B30G55P49SN	2100~2200MHz (30MHz BW)	55dB	49dBm(80W) /CW, WCDMA	50dBc(-4dBm) / 2tone(46dBm) <-50dBc@±5MHz <-53dBc@±10MHz	28V/12A	250x250x35
RLA2130B40G54P49SN	2110~2150MHz	54dB	49dBm(80W) /WCDMA2,4,6FA	<-48dBc@±5MHz <-52dBc@±10MHz	27V/17A	250x205x55
RLA2140B60G41P35SS	2110~2170MHz	41dB	35.5dBm(3.5W)/CW	70dBc(-37.5dBm) / 2tone(32.5dBm)	28V/2A	130x120x25
RLA2140B60G45P38SS	2110~2170MHz	45dB	38dBm(10W)/CW	60dBc @ 2 tone, Chsp : 100KHz ~ 30MHz	27V/3A	180x150x28
RPA2140B60G40P40SS	2110~2170MHz	40dB	40dBm(10W)/WCDMA	<-45dBc@±5MHz <-50dBc@±10MHz	27V/6A	185x170x25
RPA2140B60G45P43SS	2110~2170MHz	45dB	43dBm(20W)/WCDMA	<-45dBc@±5MHz <-50dBc@±10MHz	27V/8A	185x170x25
RPA2140B20G70P45SN	2110~2170MHz (20MHz BW)	70dB	45dBm(30W)/WCDMA	<-45dBc@±5MHz <-50dBc@±10MHz	27V/12A	250x205x50
RPA2140B60G35P38SS	2110~2170MHz	35dB	38dBm(6.3W)/CW	-60dBc@35dBm 2Tone	27V/2.5A	155x185x35
RLA2140B60G45P38SS_WCDMA	2110~2170MHz	45dB	38dBm(6.3W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/2.5A	180x150x28
RPA2140B60G41P36SS	2110~2170MHz	41dB	36dBm(4W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/2.5A	120x150x28
RLA2135B30G55P48SS	2120~2150MHz	55dB	47.8dBm(60W) /WCDMA6FA	<-32dBc@±5MHz <-32dBc@±10MHz	28V/9A	150x130x25
RPA2150B30G45P43SS	2135~2165MHz	45dB	43dBm(20W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	29.4V/8A	185x170x25
RPA2150B30G50P46SN	2135~2165MHz	50dB	46dBm(40W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	29.4V/9.5A	190x170x25
RPA2160B20G50P43SS	2150~2170MHz	50dB	43dBm(20W)/CW	50dBc(-10dBm) / 2tone(40dBm)	29.4V/7A	185x170x25
RLA2160B20G55P45SN	2150~2170MHz	55dB	45dBm(30W)/WCDMA	<-50dBc@±5MHz <-55dBc@±10MHz	27V/12A	355x267x54
RPA2160B20G50P46SS	2150~2170MHz	50dB	46dBm(40W)/CW	50dBc(-10dBm) / 2tone(43dBm)	29.4V/8A	185x170x25
RPA2250B100G45P44SS	2200~2300MHz	45dB	44dBm(20W)/CW	45dBc(-10dBm) / 2tone(35dBm)	28V/4.5A	110x100x22
RPA2300B20G45P43SS	2290~2310MHz	50dB	43dBm(20W)/CW	60dBc(-20dBm) / 2tone(40dBm)	27V/6A	200x200x30
RPA2300B20G50P46SN	2290~2310MHz	50dB	46dBm(40W)/CW	60dBc(-17dBm) / 2tone(43dBm)	27V/8A	210x250x30
RPA2350B100G45P33SS_CW	2300~2400MHz	45dB	33dBm(2W)/CW	P1 33dBm	12V/1.5A	87x160x25
RPA2350B100G45P37SS_CW	2300~2400MHz	45dB	37dBm(5W)/CW	P1 37dBm	12V/2.5A	87x160x25
RPA2350B100G45P33SS	2300~2400MHz	45dB	33dBm(2W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/2A	150x120x25
RPA2350B100G45P33SS-TDD	2300~2400MHz	45dB	33dBm(2W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/2A	150x120x25
RPA2350B100G45P38SS	2300~2400MHz	45dB	38dBm(6.3W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/3.5A	150x150x25

RPA2350B100G45P45SS	2300~2400MHz	45dB	45dBm(31.6W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/13A	180x180x25
RLA2345B27G55P47SN	2331.5 ~2358.5MHz	55dB	47dBm(50W) /WiBro3FA	<-43dBc@±4.77MHz <-43dBc@±8.73MHz	27V/15A	260x300x54
RPA2600B30G50P43SS	2500~2700MHz (30MHz BW)	50dB	43dBm(20W) /CW,WiMAX	60dBc(-20dBm) / 2tone(40dBm)	27V/6A	220x200x35
RPA2600B30G50P45SN	2500~2700MHz (30MHz BW)	50dB	45dBm(30W) /CW,WiMAX	60dBc(-18dBm) / 2tone(42dBm)	27V/8A	220x200x35
RPA2600B30G55P46SN	2500~2700MHz (30MHz BW)	55dB	46dBm(40W) /CW,WiMAX	55dBc(-12dBm) / 2tone(43dBm)	28V/10A	250x220x35
RLA2600B30G50P43SS	2500~2700MHz	50dB	43dBm(20W)/CW	-60dBc@40dBm 2Tone	27V/6A	220x200x35
RPA2585B30G45P33SS	2570~2600MHz	45dB	33dBm(2W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/2A	150x120x25
RPA2585B30G45P38SS	2570~2600MHz	45dB	38dBm(6.3W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/3.5A	150x120x25
RPA2585B30G45P45SS	2570~2600MHz	45dB	45dBm(31.6W)/WCDMA	< -45dBc(min) @ ±5MHz < -50dBc(min) @ ±10MHz	27V/13A	180x180x25
RLA2655B70G45P38SS	2620~2690MHz	45dB	38dBm(6.3W)/CW	60dBc @2tones chcp : 100KHz ~ 35MHz	27V/3A	180x150x28
RLA26235B70G45P36SS	2620~2690MHz	33dB	36dBm(4W)/LTE	-63dBc@33dBm 2Tone	27V/3A	155x185x35
RPA2655B70G45P38SS	2620~2690MHz	45dB	38dBm(6.3W)/LTE	< -45 @ ±10MHz < -50 @ ±20MHz	28V/2.4A	120x150x25
RLA2655B70G45P38SS_LTE	2620~2690MHz	45dB	38dBm(6.3W)/LTE	< -45dBc(min) @ ±10MHz < -50dBc(min) @ ±20MHz	27V/2.5A	180x150x28
RLA2642.5B25G53P48SN	2630~2655MHz	53dB	48dBm(63W) /CFR 8.5 Source	<-45dBc@±25MHz	27V/20A	260x300x54
RLA2650B40G45P38SS	2630~2670MHz	45dB	38dBm(6.3W)/CW	70dBc(-35dBm) / 2tones(35dBm)	27V/2A	180x150x28
RLA2650B40G45P38SS	2630~2670MHz	45dB	38dBm(6.3W)/CW	-70dBc@35dBm 2Tone	27V/2A	185x155x35
RPA2800B20G45P45SN	2800MHz (20MHz BW)	45dB	45dBm(30W)/CW	55dBc(-13dBm) / 2tone(42dBm)	27V/8A	230x220x30
RPA3000B20G45P43SS	3000MHz (20MHz BW)	45dB	43dBm(20W)/CW	55dBc(-15dBm) / 2tone(40dBm)	27V/8A	220x200x30
RPA3550B100G50P38SS	3499.5 ~3599.5MHz	50dB	38dBm(6W) /CW,5.27M 2FA	<-30dBc@±5.27MHz	30V/2A	145x90x19
RPA3600B10G45P40SS	3600MHz (10MHz BW)	45dB	40dBm(10W)/CW	50dBc(-13dBm) / 2tone(37dBm)	27V/8A	220x180x30
RLA3675B50G45P38SS	3650~3700MHz	45dB	38dBm(6.3W)/CW	68dBc(-33dBm) / 2tones(35dBm)	27V/2A	180x150x28
RPA4000B10G45P40SS	4000MHz (10MHz BW)	45dB	40dBm(10W)/CW	50dBc(-13dBm) / 2tone(37dBm)	27V/8A	220x180x30

## E Band High Power AMP(60~90GHz)

Part No	Frequency	Gain	Power	IMD/ACLR	DC	Dimension
RPA73500G14P16W12	71~76GHz	14dB	16dBm	P1dB +16dBm	5V/0.8A	50x50x23
RPA83500G15P16W12	81~86GHz	18dB	16dBm	P1dB +16dBm	5V/0.8A	50x50x23