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## Common debug steps for SSC

**Solution Number** 00029612

**Please Note:**

If Qualcomm documentation is referenced in this solution, your access to it is based on your company's

**Language Key Words**

**Detail Information**

**Solution Title** Common debug steps for SSC

**Solution Details** 1. To load ADSP firmware image by ADB command ,  
cd adsp\_proc/obj/qdsp6v5\_ReleaseG/LA/system/etc/firmware/

To load the ADSP image

```
adb root
adb wait-for-device
adb remount
adb shell mount -o remount,rw /firmware
adb shell rm /firmware/image/adsp.b00
adb shell rm /firmware/image/adsp.b01
adb shell rm /firmware/image/adsp.b02
adb shell rm /firmware/image/adsp.b03
adb shell rm /firmware/image/adsp.b04
adb shell rm /firmware/image/adsp.b05
adb shell rm /firmware/image/adsp.b06
adb shell rm /firmware/image/adsp.b07
adb shell rm /firmware/image/adsp.b08
adb shell rm /firmware/image/adsp.b09
adb shell rm /firmware/image/adsp.b10
adb shell rm /firmware/image/adsp.b11
adb shell rm /firmware/image/adsp.b12
adb shell rm /firmware/image/adsp.b13
adb shell rm /firmware/image/adsp.mdt
adb push adsp.b00 /firmware/image/
adb push adsp.b01 /firmware/image/
adb push adsp.b02 /firmware/image/
adb push adsp.b03 /firmware/image/
adb push adsp.b04 /firmware/image/
adb push adsp.b05 /firmware/image/
adb push adsp.b06 /firmware/image/
adb push adsp.b07 /firmware/image/
adb push adsp.b08 /firmware/image/
adb push adsp.b09 /firmware/image/
adb push adsp.b10 /firmware/image/
adb push adsp.b11 /firmware/image/
adb push adsp.b12 /firmware/image/
adb push adsp.b13 /firmware/image/
adb push adsp.mdt /firmware/image/
adb shell rm /data/misc/sensors/sns.reg
adb shell sync
adb reboot
```

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2. The steps about how to debug sensor config file ,  
adb pull /system/etc/sensor\_def\_qcomdev.conf sensor\_def\_qcomdev.conf

```
adb root
adb wait-for-device
adb remount
adb shell rm /system/etc/sensor_def_qcomdev.conf
adb push sensor_def_qcomdev.conf /system/etc/sensor_def_qcomdev.conf
adb shell chmod 644 /system/etc/sensor_def_qcomdev.conf
adb shell rm /data/misc/sensors/sns.reg
adb shell sync
adb reboot
```

```

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3. The steps about how to reload AP sensor lib ,
cd out/target/product/msm8226/
adb root
adb wait-for-device
adb remount
adb shell rm /system/vendor/lib/hw/sensors.msm8226.so
adb shell rm /system/bin/sensors.qcom
adb shell rm /system/bin/sns_regedit_ssi
adb shell rm /system/bin/sensorrdiag
adb shell rm /system/vendor/lib/libsensor1.so
adb shell rm /system/vendor/lib/libsensor_reg.so
adb push system/vendor/lib/hw/sensors.msm8226.so /system/vendor/lib/hw/sensors.msm8226.so
adb push system/bin/sensors.qcom /system/bin/sensors.qcom
adb push system/bin/sns_regedit_ssi /system/bin/sns_regedit_ssi
adb push system/bin/sensorrdiag /system/bin/sensorrdiag
adb push system/vendor/lib/libsensor1.so /system/vendor/lib/libsensor1.so
adb push system/vendor/lib/libsensor_reg.so /system/vendor/lib/libsensor_reg.so
adb shell chmod 777 /system/vendor/lib/hw/sensors.msm8226.so
adb shell chmod 777 /system/bin/sensors.qcom
adb shell chmod 777 /system/bin/sns_regedit_ssi
adb shell chmod 777 /system/bin/sensorrdiag
adb shell chmod 644 /system/vendor/lib/libsensor1.so
adb shell chmod 644 /system/vendor/lib/libsensor_reg.so
adb shell rm /data/misc/sensors/sns.reg
adb shell sync
adb reboot

```

<b>Applicable Products</b>	MSM8626, MSM8628, MSM8926, MSM8928, MSM8974, MSM8974 PRO, MSM8974AA, MSM8974AB, MSM8974AC
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