



CVE-2019-10583

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CVE-2019-10583

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Apq8096au](#) from [Qualcomm](#) contain the following vulnerability:

Use after free issue occurs when camera access sensors data through direct report mode in Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wearables in APQ8096AU, MDM9607, MSM8909W, Nicobar, QCS605, SA6155P, SDA845, SDM429W, SDM670, SDM710, SDM845, SM6150, SM8150, SM8250, SXR1130, SXR2130

CVE-2019-10583 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Q](#) Qualcomm, Inc. - Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wearables version APQ8096AU, MDM9607, MSM8909W, Nicobar, QCS605, SA6155P, SDA845, SDM429W, SDM670, SDM710, SDM845, SM6150, SM8150, SM8250, SXR1130, SXR2130

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
January 2020 Security Bulletin Qualcomm	Vendor Advisory www.qualcomm.com text/html	CONFIRM www.qualcomm.com/company/product-security/bulletins/january-2020-bulletin

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Qualcomm	Apq8096au	-	All	All	All
Hardware 	Qualcomm	Apq8096au	-	All	All	All
Operating System	Qualcomm	Apq8096au Firmware	-	All	All	All
Operating System	Qualcomm	Apq8096au Firmware	-	All	All	All
Hardware 	Qualcomm	Mdm9607	-	All	All	All
Hardware 	Qualcomm	Mdm9607	-	All	All	All
Operating System	Qualcomm	Mdm9607 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9607 Firmware	-	All	All	All
Hardware 	Qualcomm	Msm8909w	-	All	All	All
Hardware 	Qualcomm	Msm8909w	-	All	All	All
Operating System	Qualcomm	Msm8909w Firmware	-	All	All	All
Operating System	Qualcomm	Msm8909w Firmware	-	All	All	All
Hardware 	Qualcomm	Nicobar	-	All	All	All
Hardware 	Qualcomm	Nicobar	-	All	All	All
Operating System	Qualcomm	Nicobar Firmware	-	All	All	All
Operating System	Qualcomm	Nicobar Firmware	-	All	All	All
Hardware 	Qualcomm	Qcs605	-	All	All	All

Hardware  	Qualcomm	Qcs605	-	All	All	All
Operating System	Qualcomm	Qcs605 Firmware	-	All	All	All
Operating System	Qualcomm	Qcs605 Firmware	-	All	All	All
Hardware  	Qualcomm	Sa6155p	-	All	All	All
Hardware  	Qualcomm	Sa6155p	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Hardware  	Qualcomm	Sda845	-	All	All	All
Hardware  	Qualcomm	Sda845	-	All	All	All
Operating System	Qualcomm	Sda845 Firmware	-	All	All	All
Operating System	Qualcomm	Sda845 Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm429w	-	All	All	All
Hardware  	Qualcomm	Sdm429w	-	All	All	All
Operating System	Qualcomm	Sdm429w Firmware	-	All	All	All
Operating System	Qualcomm	Sdm429w Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm670	-	All	All	All
Hardware  	Qualcomm	Sdm670	-	All	All	All
Operating System	Qualcomm	Sdm670 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm670 Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm710	-	All	All	All
Hardware  	Qualcomm	Sdm710	-	All	All	All
Operating System	Qualcomm	Sdm710 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm710 Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm845	-	All	All	All
Hardware  	Qualcomm	Sdm845	-	All	All	All
Operating System	Qualcomm	Sdm845 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm845 Firmware	-	All	All	All

Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Hardware 	Qualcomm	Sm6150	-	All	All	All
Hardware 	Qualcomm	Sm6150	-	All	All	All
Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Hardware 	Qualcomm	Sm8150	-	All	All	All
Hardware 	Qualcomm	Sm8150	-	All	All	All
Operating System	Qualcomm	Sm8150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm8150 Firmware	-	All	All	All
Hardware 	Qualcomm	Sm8250	-	All	All	All
Hardware 	Qualcomm	Sm8250	-	All	All	All
Operating System	Qualcomm	Sm8250 Firmware	-	All	All	All
Operating System	Qualcomm	Sm8250 Firmware	-	All	All	All
Hardware 	Qualcomm	Sxr1130	-	All	All	All
Hardware 	Qualcomm	Sxr1130	-	All	All	All
Operating System	Qualcomm	Sxr1130 Firmware	-	All	All	All
Operating System	Qualcomm	Sxr1130 Firmware	-	All	All	All
Hardware 	Qualcomm	Sxr2130	-	All	All	All
Hardware 	Qualcomm	Sxr2130	-	All	All	All
Operating System	Qualcomm	Sxr2130 Firmware	-	All	All	All
Operating System	Qualcomm	Sxr2130 Firmware	-	All	All	All
cpe:2.3:h:qualcomm:apq8096au:-:*****:.*:						
cpe:2.3:h:qualcomm:apq8096au:-:*****:.*:						
cpe:2.3:o:qualcomm:apq8096au_firmware:-:*****:.*:						
cpe:2.3:o:qualcomm:apq8096au_firmware:-:*****:.*:						
cpe:2.3:h:qualcomm:mdm9607:-:*****:.*:						
cpe:2.3:h:qualcomm:mdm9607:-:*****:.*:						

```
cpe:2.3:o:qualcomm:mdm9607_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:mdm9607_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:msm8909w:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:msm8909w:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:msm8909w_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:msm8909w_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:nicobar:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:nicobar:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:nicobar_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:nicobar_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qcs605:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qcs605:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qcs605_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qcs605_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sa6155p:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sa6155p:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa6155p_firmware:-:*:*:*:*:*.*
```

```
cpe:2.3:o:qualcomm:sa6155p firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sda845:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sda845:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sda845_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sda845_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdm429w:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdm429w:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdm429w_firmware:-:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sdm429w_firmware:-:*:*:*:*:*
```

```
cpe:2.3:h:qualcomm:sdm670:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sdm670:-:*:*:*:*:*:*:
```

```
one:2 3:c:\qualcomm\edm670_firmware.*.*.*.*.*.*.
```

```

cpe.2.3.0.qualcomm.Suomi700_firmware.-. . . . .

```

```
cpe:2.3:o:qualcomm:sdm670_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdm710:-:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sdm710:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm710 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sdm710_firmware:-:*:*:*:*:*.*
```

cpe:2.3:h:qualcomm:sdm845:-:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sdm845:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm845_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm845_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sm6150:-:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sm6150:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm6150 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sm6150 firmware:-:*:*:*:*:*:*
```

cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sm8150 firmware:-:*:*:*:*:*.*
```

```
cpe:2.3:o:qualcomm:sm8150_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sm8250:-:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sm8250:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm8250 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sm8250_firmware:-:*:*:*:*:*.*
```

cpe:2.3:h:qualcomm:sxr1130:-:*:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sxr1130:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sxr2130:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sxr2130:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sxr2130_firmware:-:*:*:*:*:*:*
```

cpe:2.3:o:qualcomm:sxr2130_firmware:-:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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