



# CVE-2021-1976

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## Summary

<b>CVE</b>	CVE-2021-1976
<b>State</b>	PUBLIC
<b>Assigner</b>	product-security@qualcomm.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-09-17 07:15:00 UTC
<b>Updated</b>	2021-09-28 15:07:00 UTC
<b>Description</b>	A use after free can occur due to improper validation of P2P device address in PD Request frame in Snapdragon Auto, Sna

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Qualcomm</a>	<a href="#">Apq8009</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Apq8009w</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Apq8009w Firmware</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Apq8009 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Apq8017</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Apq8017 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Apq8053</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Apq8053 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Apq8064au</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Apq8064au Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Apq8096au</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Apq8096au Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Aqt1000</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Aqt1000 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Ar7420</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Ar7420 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Ar8031</a>	-	All	All	All

Operating System	Qualcomm	Ar8031 Firmware	-	All	All	All
Hardware	Qualcomm	Ar8035	-	All	All	All
Operating System	Qualcomm	Ar8035 Firmware	-	All	All	All
Hardware	Qualcomm	Ar9380	-	All	All	All
Operating System	Qualcomm	Ar9380 Firmware	-	All	All	All
Hardware	Qualcomm	Csr8811	-	All	All	All
Operating System	Qualcomm	Csr8811 Firmware	-	All	All	All
Hardware	Qualcomm	Csra6620	-	All	All	All
Operating System	Qualcomm	Csra6620 Firmware	-	All	All	All
Hardware	Qualcomm	Csra6640	-	All	All	All
Operating System	Qualcomm	Csra6640 Firmware	-	All	All	All
Hardware	Qualcomm	Csrb31024	-	All	All	All
Operating System	Qualcomm	Csrb31024 Firmware	-	All	All	All
Hardware	Qualcomm	Fsm10055	-	All	All	All
Operating System	Qualcomm	Fsm10055 Firmware	-	All	All	All
Hardware	Qualcomm	Fsm10056	-	All	All	All
Operating System	Qualcomm	Fsm10056 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq4018	-	All	All	All
Operating System	Qualcomm	Ipq4018 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq4019	-	All	All	All
Operating System	Qualcomm	Ipq4019 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq4028	-	All	All	All
Operating System	Qualcomm	Ipq4028 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq4029	-	All	All	All
Operating System	Qualcomm	Ipq4029 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq5010	-	All	All	All
Operating System	Qualcomm	Ipq5010 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq5018	-	All	All	All
Operating System	Qualcomm	Ipq5018 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq5028	-	All	All	All
Operating System	Qualcomm	Ipq5028 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq6000	-	All	All	All
Operating System	Qualcomm	Ipq6000 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq6005	-	All	All	All
Operating System	Qualcomm	Ipq6005 Firmware	-	All	All	All

Hardware	Qualcomm	lqq6010	-	All	All	All
Operating System	Qualcomm	lqq6010 Firmware	-	All	All	All
Hardware	Qualcomm	lqq6018	-	All	All	All
Operating System	Qualcomm	lqq6018 Firmware	-	All	All	All
Hardware	Qualcomm	lqq6028	-	All	All	All
Operating System	Qualcomm	lqq6028 Firmware	-	All	All	All
Hardware	Qualcomm	lqq8064	-	All	All	All
Operating System	Qualcomm	lqq8064 Firmware	-	All	All	All
Hardware	Qualcomm	lqq8065	-	All	All	All
Operating System	Qualcomm	lqq8065 Firmware	-	All	All	All
Hardware	Qualcomm	lqq8068	-	All	All	All
Operating System	Qualcomm	lqq8068 Firmware	-	All	All	All
Hardware	Qualcomm	lqq8069	-	All	All	All
Operating System	Qualcomm	lqq8069 Firmware	-	All	All	All
Hardware	Qualcomm	lqq8070	-	All	All	All
Hardware	Qualcomm	lqq8070a	-	All	All	All
Operating System	Qualcomm	lqq8070a Firmware	-	All	All	All
Operating System	Qualcomm	lqq8070 Firmware	-	All	All	All
Hardware	Qualcomm	lqq8071	-	All	All	All
Hardware	Qualcomm	lqq8071a	-	All	All	All
Operating System	Qualcomm	lqq8071a Firmware	-	All	All	All
Operating System	Qualcomm	lqq8071 Firmware	-	All	All	All
Hardware	Qualcomm	lqq8072	-	All	All	All
Hardware	Qualcomm	lqq8072a	-	All	All	All
Operating System	Qualcomm	lqq8072a Firmware	-	All	All	All
Operating System	Qualcomm	lqq8072 Firmware	-	All	All	All
Hardware	Qualcomm	lqq8074	-	All	All	All
Hardware	Qualcomm	lqq8074a	-	All	All	All
Operating System	Qualcomm	lqq8074a Firmware	-	All	All	All
Operating System	Qualcomm	lqq8074 Firmware	-	All	All	All
Hardware	Qualcomm	lqq8076	-	All	All	All
Hardware	Qualcomm	lqq8076a	-	All	All	All
Operating System	Qualcomm	lqq8076a Firmware	-	All	All	All
Operating System	Qualcomm	lqq8076 Firmware	-	All	All	All
Hardware	Qualcomm	lqq8078	-	All	All	All

Hardware	Qualcomm	Ipq8078a	-	All	All	All
Operating System	Qualcomm	Ipq8078a Firmware	-	All	All	All
Operating System	Qualcomm	Ipq8078 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq8173	-	All	All	All
Operating System	Qualcomm	Ipq8173 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq8174	-	All	All	All
Operating System	Qualcomm	Ipq8174 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9150	-	All	All	All
Operating System	Qualcomm	Mdm9150 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9206	-	All	All	All
Operating System	Qualcomm	Mdm9206 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9250	-	All	All	All
Operating System	Qualcomm	Mdm9250 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9607	-	All	All	All
Operating System	Qualcomm	Mdm9607 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9626	-	All	All	All
Operating System	Qualcomm	Mdm9626 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9628	-	All	All	All
Operating System	Qualcomm	Mdm9628 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9640	-	All	All	All
Operating System	Qualcomm	Mdm9640 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9650	-	All	All	All
Operating System	Qualcomm	Mdm9650 Firmware	-	All	All	All
Hardware	Qualcomm	Msm8909w	-	All	All	All
Operating System	Qualcomm	Msm8909w Firmware	-	All	All	All
Hardware	Qualcomm	Msm8917	-	All	All	All
Operating System	Qualcomm	Msm8917 Firmware	-	All	All	All
Hardware	Qualcomm	Msm8953	-	All	All	All
Operating System	Qualcomm	Msm8953 Firmware	-	All	All	All
Hardware	Qualcomm	Msm8996au	-	All	All	All
Operating System	Qualcomm	Msm8996au Firmware	-	All	All	All
Hardware	Qualcomm	Pmp8074	-	All	All	All
Operating System	Qualcomm	Pmp8074 Firmware	-	All	All	All
Hardware	Qualcomm	Qca4024	-	All	All	All
Operating System	Qualcomm	Qca4024 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6174	-	All	All	All

Hardware	Qualcomm	Qca6174a	-	All	All	All
Operating System	Qualcomm	Qca6174a Firmware	-	All	All	All
Operating System	Qualcomm	Qca6174 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6310	-	All	All	All
Operating System	Qualcomm	Qca6310 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6320	-	All	All	All
Operating System	Qualcomm	Qca6320 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6335	-	All	All	All
Operating System	Qualcomm	Qca6335 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6390	-	All	All	All
Operating System	Qualcomm	Qca6390 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6391	-	All	All	All
Operating System	Qualcomm	Qca6391 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6420	-	All	All	All
Operating System	Qualcomm	Qca6420 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6426	-	All	All	All
Operating System	Qualcomm	Qca6426 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6428	-	All	All	All
Operating System	Qualcomm	Qca6428 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6430	-	All	All	All
Operating System	Qualcomm	Qca6430 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6436	-	All	All	All
Operating System	Qualcomm	Qca6436 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6438	-	All	All	All
Operating System	Qualcomm	Qca6438 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6564	-	All	All	All
Hardware	Qualcomm	Qca6564a	-	All	All	All
Hardware	Qualcomm	Qca6564au	-	All	All	All
Operating System	Qualcomm	Qca6564au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6564a Firmware	-	All	All	All
Operating System	Qualcomm	Qca6564 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6574	-	All	All	All
Hardware	Qualcomm	Qca6574a	-	All	All	All
Hardware	Qualcomm	Qca6574au	-	All	All	All
Operating System	Qualcomm	Qca6574au Firmware	-	All	All	All

Operating System	Qualcomm	Qca6574a Firmware	-	All	All	All
Operating System	Qualcomm	Qca6574 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6584au	-	All	All	All
Operating System	Qualcomm	Qca6584au Firmware	-	All	All	All
Hardware	Qualcomm	Qca6595	-	All	All	All
Hardware	Qualcomm	Qca6595au	-	All	All	All
Operating System	Qualcomm	Qca6595au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6595 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6694	-	All	All	All
Operating System	Qualcomm	Qca6694 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6696	-	All	All	All
Operating System	Qualcomm	Qca6696 Firmware	-	All	All	All
Hardware	Qualcomm	Qca7500	-	All	All	All
Operating System	Qualcomm	Qca7500 Firmware	-	All	All	All
Hardware	Qualcomm	Qca7520	-	All	All	All
Operating System	Qualcomm	Qca7520 Firmware	-	All	All	All
Hardware	Qualcomm	Qca7550	-	All	All	All
Operating System	Qualcomm	Qca7550 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8072	-	All	All	All
Operating System	Qualcomm	Qca8072 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8075	-	All	All	All
Operating System	Qualcomm	Qca8075 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8081	-	All	All	All
Operating System	Qualcomm	Qca8081 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8337	-	All	All	All
Operating System	Qualcomm	Qca8337 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9367	-	All	All	All
Operating System	Qualcomm	Qca9367 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9377	-	All	All	All
Operating System	Qualcomm	Qca9377 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9531	-	All	All	All
Operating System	Qualcomm	Qca9531 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9558	-	All	All	All
Operating System	Qualcomm	Qca9558 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9561	-	All	All	All
Operating System	Qualcomm	Qca9561 Firmware	-	All	All	All

Operating System	Qualcomm	Qca9561 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9563	-	All	All	All
Operating System	Qualcomm	Qca9563 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9880	-	All	All	All
Operating System	Qualcomm	Qca9880 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9882	-	All	All	All
Operating System	Qualcomm	Qca9882 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9886	-	All	All	All
Operating System	Qualcomm	Qca9886 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9887	-	All	All	All
Operating System	Qualcomm	Qca9887 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9888	-	All	All	All
Operating System	Qualcomm	Qca9888 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9889	-	All	All	All
Operating System	Qualcomm	Qca9889 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9896	-	All	All	All
Operating System	Qualcomm	Qca9896 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9898	-	All	All	All
Operating System	Qualcomm	Qca9898 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9980	-	All	All	All
Operating System	Qualcomm	Qca9980 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9982	-	All	All	All
Operating System	Qualcomm	Qca9982 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9984	-	All	All	All
Operating System	Qualcomm	Qca9984 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9985	-	All	All	All
Operating System	Qualcomm	Qca9985 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9986	-	All	All	All
Operating System	Qualcomm	Qca9986 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9987	-	All	All	All
Operating System	Qualcomm	Qca9987 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9988	-	All	All	All
Operating System	Qualcomm	Qca9988 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9990	-	All	All	All
Operating System	Qualcomm	Qca9990 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9992	-	All	All	All

Operating System	Qualcomm	Qca9992 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9994	-	All	All	All
Operating System	Qualcomm	Qca9994 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm2290	-	All	All	All
Operating System	Qualcomm	Qcm2290 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm4290	-	All	All	All
Operating System	Qualcomm	Qcm4290 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm6125	-	All	All	All
Operating System	Qualcomm	Qcm6125 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn3018	-	All	All	All
Operating System	Qualcomm	Qcn3018 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5021	-	All	All	All
Operating System	Qualcomm	Qcn5021 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5022	-	All	All	All
Operating System	Qualcomm	Qcn5022 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5024	-	All	All	All
Operating System	Qualcomm	Qcn5024 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5052	-	All	All	All
Operating System	Qualcomm	Qcn5052 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5054	-	All	All	All
Operating System	Qualcomm	Qcn5054 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5064	-	All	All	All
Operating System	Qualcomm	Qcn5064 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5121	-	All	All	All
Operating System	Qualcomm	Qcn5121 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5122	-	All	All	All
Operating System	Qualcomm	Qcn5122 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5124	-	All	All	All
Operating System	Qualcomm	Qcn5124 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5152	-	All	All	All
Operating System	Qualcomm	Qcn5152 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5154	-	All	All	All
Operating System	Qualcomm	Qcn5154 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5164	-	All	All	All
Operating System	Qualcomm	Qcn5164 Firmware	-	All	All	All

Hardware	Qualcomm	Qcn5500	-	All	All	All
Operating System	Qualcomm	Qcn5500 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5502	-	All	All	All
Operating System	Qualcomm	Qcn5502 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5550	-	All	All	All
Operating System	Qualcomm	Qcn5550 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn6023	-	All	All	All
Operating System	Qualcomm	Qcn6023 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn6024	-	All	All	All
Operating System	Qualcomm	Qcn6024 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn6122	-	All	All	All
Operating System	Qualcomm	Qcn6122 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9000	-	All	All	All
Operating System	Qualcomm	Qcn9000 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9012	-	All	All	All
Operating System	Qualcomm	Qcn9012 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9022	-	All	All	All
Operating System	Qualcomm	Qcn9022 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9024	-	All	All	All
Operating System	Qualcomm	Qcn9024 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9070	-	All	All	All
Operating System	Qualcomm	Qcn9070 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9072	-	All	All	All
Operating System	Qualcomm	Qcn9072 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9074	-	All	All	All
Operating System	Qualcomm	Qcn9074 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9100	-	All	All	All
Operating System	Qualcomm	Qcn9100 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs2290	-	All	All	All
Operating System	Qualcomm	Qcs2290 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs405	-	All	All	All
Operating System	Qualcomm	Qcs405 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs410	-	All	All	All
Operating System	Qualcomm	Qcs410 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs4290	-	All	All	All
Operating System	Qualcomm	Qcs4290 Firmware	-	All	All	All

Operating System	Qualcomm	Qcs4290 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs603	-	All	All	All
Operating System	Qualcomm	Qcs603 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs605	-	All	All	All
Operating System	Qualcomm	Qcs605 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs610	-	All	All	All
Operating System	Qualcomm	Qcs610 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs6125	-	All	All	All
Operating System	Qualcomm	Qcs6125 Firmware	-	All	All	All
Hardware	Qualcomm	Qcx315	-	All	All	All
Operating System	Qualcomm	Qcx315 Firmware	-	All	All	All
Hardware	Qualcomm	Qrb5165	-	All	All	All
Operating System	Qualcomm	Qrb5165 Firmware	-	All	All	All
Hardware	Qualcomm	Qualcomm215	-	All	All	All
Operating System	Qualcomm	Qualcomm215 Firmware	-	All	All	All
Hardware	Qualcomm	Sa415m	-	All	All	All
Operating System	Qualcomm	Sa415m Firmware	-	All	All	All
Hardware	Qualcomm	Sa515m	-	All	All	All
Operating System	Qualcomm	Sa515m Firmware	-	All	All	All
Hardware	Qualcomm	Sa6145p	-	All	All	All
Operating System	Qualcomm	Sa6145p Firmware	-	All	All	All
Hardware	Qualcomm	Sa6150p	-	All	All	All
Operating System	Qualcomm	Sa6150p Firmware	-	All	All	All
Hardware	Qualcomm	Sa6155	-	All	All	All
Hardware	Qualcomm	Sa6155p	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa6155 Firmware	-	All	All	All
Hardware	Qualcomm	Sa8145p	-	All	All	All
Operating System	Qualcomm	Sa8145p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8150p	-	All	All	All
Operating System	Qualcomm	Sa8150p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8155	-	All	All	All
Hardware	Qualcomm	Sa8155p	-	All	All	All
Operating System	Qualcomm	Sa8155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa8155 Firmware	-	All	All	All
Hardware	Qualcomm	Sa8195p	-	All	All	All

Operating System	Qualcomm	Sa8195p Firmware	-	All	All	All
Hardware	Qualcomm	Sd205	-	All	All	All
Operating System	Qualcomm	Sd205 Firmware	-	All	All	All
Hardware	Qualcomm	Sd210	-	All	All	All
Operating System	Qualcomm	Sd210 Firmware	-	All	All	All
Hardware	Qualcomm	Sd429	-	All	All	All
Operating System	Qualcomm	Sd429 Firmware	-	All	All	All
Hardware	Qualcomm	Sd439	-	All	All	All
Operating System	Qualcomm	Sd439 Firmware	-	All	All	All
Hardware	Qualcomm	Sd450	-	All	All	All
Operating System	Qualcomm	Sd450 Firmware	-	All	All	All
Hardware	Qualcomm	Sd460	-	All	All	All
Operating System	Qualcomm	Sd460 Firmware	-	All	All	All
Hardware	Qualcomm	Sd480	-	All	All	All
Operating System	Qualcomm	Sd480 Firmware	-	All	All	All
Hardware	Qualcomm	Sd632	-	All	All	All
Operating System	Qualcomm	Sd632 Firmware	-	All	All	All
Hardware	Qualcomm	Sd662	-	All	All	All
Operating System	Qualcomm	Sd662 Firmware	-	All	All	All
Hardware	Qualcomm	Sd665	-	All	All	All
Operating System	Qualcomm	Sd665 Firmware	-	All	All	All
Hardware	Qualcomm	Sd670	-	All	All	All
Operating System	Qualcomm	Sd670 Firmware	-	All	All	All
Hardware	Qualcomm	Sd675	-	All	All	All
Operating System	Qualcomm	Sd675 Firmware	-	All	All	All
Hardware	Qualcomm	Sd678	-	All	All	All
Operating System	Qualcomm	Sd678 Firmware	-	All	All	All
Hardware	Qualcomm	Sd690 5g	-	All	All	All
Operating System	Qualcomm	Sd690 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sd720g	-	All	All	All
Operating System	Qualcomm	Sd720g Firmware	-	All	All	All
Hardware	Qualcomm	Sd730	-	All	All	All
Operating System	Qualcomm	Sd730 Firmware	-	All	All	All
Hardware	Qualcomm	Sd750g	-	All	All	All
Operating System	Qualcomm	Sd750g Firmware	-	All	All	All

Hardware	Qualcomm	Sd765	-	All	All	All
Hardware	Qualcomm	Sd765g	-	All	All	All
Operating System	Qualcomm	Sd765g Firmware	-	All	All	All
Operating System	Qualcomm	Sd765 Firmware	-	All	All	All
Hardware	Qualcomm	Sd768g	-	All	All	All
Operating System	Qualcomm	Sd768g Firmware	-	All	All	All
Hardware	Qualcomm	Sd778g	-	All	All	All
Operating System	Qualcomm	Sd778g Firmware	-	All	All	All
Hardware	Qualcomm	Sd780g	-	All	All	All
Operating System	Qualcomm	Sd780g Firmware	-	All	All	All
Hardware	Qualcomm	Sd835	-	All	All	All
Operating System	Qualcomm	Sd835 Firmware	-	All	All	All
Hardware	Qualcomm	Sd845	-	All	All	All
Operating System	Qualcomm	Sd845 Firmware	-	All	All	All
Hardware	Qualcomm	Sd855	-	All	All	All
Operating System	Qualcomm	Sd855 Firmware	-	All	All	All
Hardware	Qualcomm	Sd865 5g	-	All	All	All
Operating System	Qualcomm	Sd865 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sd870	-	All	All	All
Operating System	Qualcomm	Sd870 Firmware	-	All	All	All
Hardware	Qualcomm	Sd888	-	All	All	All
Hardware	Qualcomm	Sd888 5g	-	All	All	All
Operating System	Qualcomm	Sd888 5g Firmware	-	All	All	All
Operating System	Qualcomm	Sd888 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm429w	-	All	All	All
Operating System	Qualcomm	Sdm429w Firmware	-	All	All	All
Hardware	Qualcomm	Sdm630	-	All	All	All
Operating System	Qualcomm	Sdm630 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm830	-	All	All	All
Operating System	Qualcomm	Sdm830 Firmware	-	All	All	All
Hardware	Qualcomm	Sdw2500	-	All	All	All
Operating System	Qualcomm	Sdw2500 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx12	-	All	All	All
Operating System	Qualcomm	Sdx12 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx20	-	All	All	All
Hardware	Qualcomm	Sdy20m	-	All	All	All

Hardware	Qualcomm	Qualcomm	-	All	All	All
Operating System	Qualcomm	Sdx20m Firmware	-	All	All	All
Operating System	Qualcomm	Sdx20 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx24	-	All	All	All
Operating System	Qualcomm	Sdx24 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx50m	-	All	All	All
Operating System	Qualcomm	Sdx50m Firmware	-	All	All	All
Hardware	Qualcomm	Sdx55	-	All	All	All
Hardware	Qualcomm	Sdx55m	-	All	All	All
Operating System	Qualcomm	Sdx55m Firmware	-	All	All	All
Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Hardware	Qualcomm	Sdxr1	-	All	All	All
Operating System	Qualcomm	Sdxr1 Firmware	-	All	All	All
Hardware	Qualcomm	Sdxr2 5g	-	All	All	All
Operating System	Qualcomm	Sdxr2 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sd 455	-	All	All	All
Operating System	Qualcomm	Sd 455 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 636	-	All	All	All
Operating System	Qualcomm	Sd 636 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 675	-	All	All	All
Operating System	Qualcomm	Sd 675 Firmware	-	All	All	All
Hardware	Qualcomm	Sm4125	-	All	All	All
Operating System	Qualcomm	Sm4125 Firmware	-	All	All	All
Hardware	Qualcomm	Sm6250	-	All	All	All
Hardware	Qualcomm	Sm6250p	-	All	All	All
Operating System	Qualcomm	Sm6250p Firmware	-	All	All	All
Operating System	Qualcomm	Sm6250 Firmware	-	All	All	All
Hardware	Qualcomm	Sm7250	-	All	All	All
Operating System	Qualcomm	Sm7250 Firmware	-	All	All	All
Hardware	Qualcomm	Sm7325	-	All	All	All
Operating System	Qualcomm	Sm7325 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9330	-	All	All	All
Operating System	Qualcomm	Wcd9330 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9340	-	All	All	All
Operating System	Qualcomm	Wcd9340 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9370	-	All	All	All

Operating System	Qualcomm	<a href="#">Wcd9370 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcd9371</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcd9371 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcd9375</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcd9375 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcd9380</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcd9380 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcd9385</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcd9385 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3610</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3610 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3615</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3615 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3620</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3620 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3660</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3660b</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3660b Firmware</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3660 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3680</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3680b</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3680b Firmware</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3680 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3910</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3910 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3950</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3950 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3988</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3988 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3991</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3991 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3998</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3998 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3999</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3999 Firmware</a>	-	All	All	All

Hardware	Qualcomm	Wcn6740	-	All	All	All
Operating System	Qualcomm	Wcn6740 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6750	-	All	All	All
Operating System	Qualcomm	Wcn6750 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6850	-	All	All	All
Operating System	Qualcomm	Wcn6850 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6851	-	All	All	All
Operating System	Qualcomm	Wcn6851 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6856	-	All	All	All
Operating System	Qualcomm	Wcn6856 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8810	-	All	All	All
Operating System	Qualcomm	Wsa8810 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8815	-	All	All	All
Operating System	Qualcomm	Wsa8815 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8830	-	All	All	All
Operating System	Qualcomm	Wsa8830 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8835	-	All	All	All
Operating System	Qualcomm	Wsa8835 Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
August 2021 Security Bulletin   Qualcomm	CONFIRM	<a href="http://www.qualcomm.com">www.qualcomm.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[610357](#) Google Android Devices August 2021 Security Patch Missing

[610364](#) Google Android September 2021 Security Patch Missing for Huawei EMUI

[610365](#) Google Android September 2021 Security Patch Missing for LGE

[610366](#) Google Android September 2021 Security Patch Missing for Samsung

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