

QUALCOMM US Cellular Essential Patent List

The following is a list of U.S. patents owned by Qualcomm and its affiliates that have been disclosed to ETSI as potentially containing claims essential to cellular standards, together with family members (as defined in the ETSI IPR Policy) of such patents.

This list will be updated on a regular basis.

Last Updated: June 22, 2026

Patent or Publication #	Country/Region
7,324,429	United States
7,418,651	United States
7,444,127	United States
7,453,912	United States
7,457,231	United States
7,519,535	United States
7,558,572	United States
7,567,621	United States
7,574,179	United States
7,574,224	United States
7,590,078	United States
7,593,729	United States
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7,620,370	United States
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7,685,293	United States
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7,706,324	United States
7,706,328	United States
7,706,796	United States
7,710,319	United States
7,711,377	United States
7,715,822	United States
7,720,485	United States
7,721,184	United States
7,724,777	United States

Patent or Publication #	Country/Region
7,742,444	United States
7,764,647	United States
7,768,449	United States
7,773,964	United States
7,792,074	United States
7,808,882	United States
7,813,322	United States
7,817,677	United States
7,821,913	United States
7,822,407	United States
7,826,415	United States
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7,925,291	United States
7,933,215	United States
7,933,235	United States

Patent or Publication #	Country/Region
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8,032,369	United States
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8,036,672	United States
8,041,375	United States

Patent or Publication #	Country/Region
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8,098,667	United States
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8,099,132	United States
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8,107,418	United States

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Patent or Publication #	Country/Region
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8,364,482	United States
8,364,494	United States
8,369,424	United States

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8,432,985	United States
8,433,251	United States
8,433,357	United States
8,433,374	United States
8,433,984	United States
8,437,251	United States
8,437,312	United States

Patent or Publication #	Country/Region
8,437,752	United States
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8,457,221	United States
8,457,315	United States
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8,489,124	United States
8,493,835	United States
8,493,873	United States
8,493,956	United States
8,493,958	United States
8,494,065	United States
8,494,572	United States

Patent or Publication #	Country/Region
8,495,232	United States
8,498,237	United States
8,498,313	United States
8,503,316	United States
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8,526,440	United States
8,526,442	United States
8,532,056	United States
8,532,984	United States
8,537,197	United States
8,537,699	United States
8,538,337	United States
8,542,658	United States

Patent or Publication #	Country/Region
8,547,860	United States
8,547,989	United States
8,548,500	United States
8,548,511	United States
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Patent or Publication #	Country/Region
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Patent or Publication #	Country/Region
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8,676,186	United States
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8,676,223	United States
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Patent or Publication #	Country/Region
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8,781,425	United States
8,781,507	United States
8,786,491	United States
8,787,143	United States
8,787,172	United States
8,787,181	United States
8,787,249	United States

Patent or Publication #	Country/Region
8,787,323	United States
8,787,343	United States
8,787,344	United States
8,787,362	United States
8,787,841	United States
8,787,954	United States
8,788,807	United States
8,792,365	United States
8,792,370	United States
8,792,392	United States
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8,792,443	United States
8,792,886	United States
8,792,902	United States
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8,798,627	United States
8,798,634	United States
8,798,656	United States
8,798,666	United States
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8,804,656	United States
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8,806,050	United States
8,811,253	United States
8,811,335	United States
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8,811,372	United States
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8,817,709	United States
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8,824,477	United States
8,824,979	United States
8,824,996	United States
8,825,099	United States
8,825,477	United States
8,825,480	United States
8,830,849	United States

Patent or Publication #	Country/Region
8,830,883	United States
8,830,935	United States
8,830,950	United States
8,831,115	United States
8,831,522	United States
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8,831,568	United States
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8,837,380	United States
8,837,427	United States
8,837,437	United States
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8,838,109	United States
8,838,122	United States
8,839,373	United States
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8,842,604	United States
8,842,613	United States
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8,855,099	United States
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8,855,138	United States
8,855,225	United States
8,855,630	United States
8,855,636	United States
8,855,678	United States

Patent or Publication #	Country/Region
8,861,408	United States
8,861,418	United States
8,861,424	United States
8,861,451	United States
8,861,502	United States
8,862,160	United States
8,863,192	United States
8,867,380	United States
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8,867,495	United States
8,867,502	United States
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8,868,091	United States
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8,873,471	United States
8,873,513	United States
8,873,522	United States
8,874,134	United States
8,878,721	United States
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8,891,356	United States
8,891,387	United States
8,891,446	United States
8,891,462	United States
8,891,467	United States
8,891,480	United States
8,891,489	United States

Patent or Publication #	Country/Region
8,891,652	United States
8,892,108	United States
8,892,448	United States
8,897,148	United States
8,897,236	United States
8,897,256	United States
8,897,269	United States
8,897,298	United States
8,902,768	United States
8,902,771	United States
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8,917,695	United States
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8,918,114	United States
8,918,533	United States
8,923,109	United States
8,923,143	United States
8,923,211	United States

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8,923,218	United States
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8,923,464	United States
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8,942,746	United States
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8,948,111	United States
8,948,154	United States
8,948,393	United States

Patent or Publication #	Country/Region
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8,948,704	United States
8,948,749	United States
8,948,757	United States
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8,954,068	United States
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8,958,441	United States
8,958,812	United States
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8,982,685	United States
8,982,743	United States
8,982,778	United States
8,982,835	United States
8,982,851	United States
8,982,935	United States
8,983,468	United States

Patent or Publication #	Country/Region
8,983,480	United States
8,983,499	United States
8,989,026	United States
8,989,069	United States
8,989,084	United States
8,989,107	United States
8,989,114	United States
8,989,138	United States
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8,989,153	United States
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9,008,582	United States
9,008,655	United States
9,008,676	United States
9,008,700	United States
9,014,024	United States
9,014,080	United States
9,014,110	United States
9,014,134	United States

Patent or Publication #	Country/Region
9,014,152	United States
9,014,155	United States
9,014,210	United States
9,014,287	United States
9,014,301	United States
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9,042,840	United States
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9,043,862	United States
9,047,863	United States
9,048,993	United States
9,049,096	United States
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9,049,581	United States
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9,049,651	United States
9,049,699	United States
9,053,702	United States
9,055,473	United States
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9,055,552	United States
9,055,576	United States
9,055,596	United States
9,055,604	United States
9,055,612	United States
9,059,760	United States
9,059,819	United States

Patent or Publication #	Country/Region
9,060,316	United States
9,065,617	United States
9,065,714	United States
9,066,306	United States
9,066,309	United States
9,066,344	United States
9,066,354	United States
9,071,310	United States
9,071,414	United States
9,072,071	United States
9,072,072	United States
9,072,087	United States
9,072,093	United States
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9,078,084	United States
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9,078,164	United States
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9,084,209	United States
9,084,221	United States
9,084,240	United States
9,084,252	United States
9,084,261	United States
9,084,277	United States
9,088,384	United States
9,088,939	United States
9,088,974	United States
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9,094,173	United States
9,094,202	United States
9,094,423	United States
9,094,810	United States
9,094,880	United States
9,094,933	United States
9,094,943	United States
9,094,969	United States
9,094,988	United States

Patent or Publication #	Country/Region
9,094,991	United States
9,099,098	United States
9,100,068	United States
9,100,155	United States
9,100,179	United States
9,100,457	United States
9,100,787	United States
9,100,890	United States
9,106,287	United States
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9,106,378	United States
9,106,389	United States
9,106,419	United States
9,107,104	United States
9,107,113	United States
9,107,133	United States
9,107,186	United States
9,107,191	United States
9,107,239	United States
9,111,531	United States
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9,113,463	United States
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9,113,492	United States
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9,125,093	United States
9,125,133	United States
9,125,139	United States
9,125,209	United States
9,125,217	United States
9,130,612	United States
9,130,698	United States

Patent or Publication #	Country/Region
9,130,725	United States
9,130,791	United States
9,130,810	United States
9,131,351	United States
9,131,420	United States
9,131,425	United States
9,131,461	United States
9,131,464	United States
9,131,486	United States
9,131,524	United States
9,136,878	United States
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9,160,566	United States
9,161,212	United States
9,161,240	United States
9,161,280	United States
9,161,378	United States
9,166,867	United States

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9,172,453	United States
9,172,513	United States
9,172,561	United States
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9,173,165	United States
9,173,192	United States
9,178,640	United States
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9,179,409	United States
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9,204,399	United States
9,204,411	United States
9,204,428	United States
9,204,430	United States
9,204,434	United States
9,208,792	United States
9,209,875	United States

Patent or Publication #	Country/Region
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9,209,950	United States
9,209,955	United States
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9,247,473	United States
9,247,564	United States
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9,253,651	United States
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9,253,782	United States
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9,258,160	United States
9,258,692	United States
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9,258,743	United States
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9,380,609	United States
9,380,622	United States
9,384,746	United States
9,385,844	United States

Patent or Publication #	Country/Region
9,386,064	United States
9,386,408	United States
9,386,431	United States
9,386,473	United States
9,386,528	United States
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9,425,877	United States
9,426,196	United States
9,426,418	United States
9,426,670	United States

Patent or Publication #	Country/Region
9,426,703	United States
9,432,164	United States
9,432,175	United States
9,432,433	United States
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9,479,350	United States
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9,723,558	United States
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9,735,942	United States
9,736,640	United States
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Patent or Publication #	Country/Region
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9,749,144	United States
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9,769,665	United States
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9,769,789	United States
9,769,817	United States

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9,774,431	United States
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9,775,048	United States
9,775,096	United States
9,780,912	United States
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11,082,183	United States
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11,368,918	United States
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