Patents

SDC is the pioneer of OLED displays adopted in the most popular, successful and widely used mobile phones, tablets and other similar electronic devices. SDC's technologies fundametally enable high contrast and crystal clear colorful OLED screens such as SDC's OLED display panel products, and these panel products are covered by SDC's patents describing its prominent technologies. The below lists and linked pages highlight some of such technologies and examplary related patents.

The lists of patents are prepared solely to comply with 35 U.S.C. 287. The information below is not intended, and should not be used, for any other purpose.



OLED Display Technology

View Detail

Trademark

Samsung Display's trademarks are its own intellectual property and are valuable assets of the corporation. Trademarks must be used by following the guidelines below in an appropriate way. More specifically, the trademarks of Samsung Display should be referred to with the designated symbol; TM. (Please click below for more details.)



Diamond Pixel™

View Detail

Round Diamond Pixel™

View Detail

Eco² OLED™

View Detail

UTG™

View Detail

UPC™

View Detail

Adaptive Frequency™

View Detail

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OLED Display Technology Patents

The list of patent below is prepared solely to comply with 35 U.S.C. 287. The information below is not intended, and should not be used, for any other purpose.

Product	Phone
AMB623TS01, AMB667TY01, AMB687TZ01,AMS646YD05, AMB624XT01, AMB667XU01, AMB681XV01, AMB606AW01, AMB655AY01, AMB681AZ01, AMB606CX01, AMB655CY01, AMB681CZ01, AMB616FL01, AMB666FM02, AMB679FN01, AMB679FN02, AMS670HD01, AMS670HD02 AMF670UH01, AMB114UN01, AMF670ZA01, AMB190ZB01, AMF670BS01, AMB338EH02, AMF670BS03, AMF670GN01, AMB729WA01, AMB458WJ01, AMF759VG01, AMB623VH01, AMF755ZE01, AMB623ZF01, AMF756BQ01, AMB619BR01, AMF756BQ03, AMB619EK01, AMB625GR01, AMF800GX01	Galaxy S20, Galaxy S20 Plus, Galaxy S20 Ultra, Galaxy S20 FE 5G, Galaxy S21, Galaxy S21 Plus, Galaxy S21 Ultra, Galaxy S22, Galaxy S22 Plus, Galaxy S22 Ultra, Galaxy S23, Galaxy S23 Plus, Galaxy S23 Ultra, Galaxy S24, Galaxy S24 Plus, Galaxy S24 Ultra, Galaxy S24 FE, Galaxy Z Flip1, Galaxy Z Flip2, Galaxy Z Flip3, Galaxy Z Flip4,Galaxy Z Flip5, Galaxy Z Flip6, Galaxy Z Fold1, Galaxy Z Fold2, Galaxy Z Fold3, Galaxy Z Fold4, Galaxy Z Fold5, Galaxy Z Fold6 Galaxy Z Fold6 SE

Patents

US10878759	US11462178	US10396311	US10644261
US11362151	US10985234	US11183548	US11243645
US11243625	US10964913	US11296286	US11282902
US11362166	US10862068	US8358284	US10474270
US10013088	US10312299	US10733408	US9087480
US10644087	US10916588	US11050041	US10541380
US10873053	US10651246	US11018205	US10361254
US11232275	US11233220	US2020-0394955	US2021-0366376
US2021-0366377	US11289680	US11093059	US10991792
US10985223	US10978674	US10978670	US10971554
US10963110	US10962814	US10944076	US10943538
US10923545	US10910333	US10854705	US10796636
US10749137	US10714707	US10692942	US10680205
US10665816	US10600993	US10573703	US10566406
US10553821	US10553651	US10547025	US10529952
US10522604	US10497900	US10481642	US10476013
US10466838	US10444797	US10373987	US10347700
US10326099	US10318062	US10304913	US10270059
US10262583	US10224506	US10205122	US10177339
US10157969	US10128461	US10090371	US10073575
US10069107	US9997582	US9972789	US9966564
US9934727	US9928768	US9917113	US9905629
US9893312	US9842892	US9837022	US9832839
US9825056	US9791964	US9758872	US9728134
US9698375	US9660012	US9634287	US9634070
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US8395145	US8247809	US7944140	US7554118
US7541735	US7372438	US7205572	US7184006
US7126271	USRE47701	US9748321	US10439015
US7279708	US8026667	US9608050	US10720483
US9768241	US9450040	US9299730	US10483342
US10204976	US9330593	US9318055	US10025356
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CNZL201310181186.0	US10854683	US9818803	KRP2270210
KRP2115531	JP6672194	HKHK1216272	GB2637209
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USRE48773	US9966566	US11211584	US10930885
US11605688	US11651731	US11626064	US11626066
US11626067	US11626068	US11676531	US10896939
US10854687	US11495643	US11250776	US11455943
US11456440	US11594581	US11515380	US11574969
US11594578	US11610546	US10732762	US11262860
US11653525	US11656730	US10665657	US10727450
US11809663	US11500496	US11737339	US11195893
US11626066	US11626067	US10665617	US11672159
US11758790	US11727876	US11651731	US11626068
US10861393	US11450280	US11776466	US11825705
USRE48773	US11961425	US12048208	US12021112
US10635211	US12010888	US18/057139	US12052902
US11690266	US11574989	US11574990	US11574991
US10943967	US11861117	US11980077	US11467632
US11755132	US10475389	US10909931	US11398189
US11081503			

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