



S1	CPU	GPU	Display	Video	Modem	Camera	GPS	DSP	USB	WiFi	Bluetooth	Process
QSD8650	1GHz Scorpion	Adreno 200	WXGA	720p	CDMA/UMTS (HSPA, GSM/GPRS/EDGE, 1x Rev. A, 1xEV-DO Rev. A/B)	12 MP	gpsOne Gen 7	Hexagon QDSP6 600MHz	USB 2.0 All Speed Peripheral or host	802.11b/g/n via add1 chip AR6003	BT2.0/2.1 via add1 chip BTS4025	65nm
QSD8250	1GHz Scorpion	Adreno 200	WXGA	720p	UMTS (HSPA, GSM/GPRS/EDGE)	12 MP	gpsOne Gen 7	Hexagon QDSP6 600MHz	USB 2.0 All Speed Peripheral or host	802.11b/g/n via add1 chip AR6003	BT2.0/2.1 via add1 chip BTS4025	65nm
MSM7627	600 MHz ARM 11 800 MHz ARM 11 (T)	Adreno 200	FWVGA	WVGA	CDMA/UMTS (HSPA, GSM/GPRS/EDGE, 1x Rev. A, 1xEV-DO Rev. A)	8 MP	gpsOne Gen 7	Hexagon QDSP5 320MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip WCN1312	BT2.0/2.1 via add1 chip BTS4025	65nm
MSM7227	600 MHz ARM 11 800 MHz ARM 11 (T)	Adreno 200	FWVGA	WVGA	UMTS (HSPA, GSM/GPRS/EDGE)	8 MP	gpsOne Gen 7	Hexagon QDSP5 320MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip WCN1312	BT2.0/2.1 via add1 chip BTS4025	65nm
MSM7627A	0.8-1.0 GHz Cortex A5	Adreno 200	FWVGA	FWVGA	CDMA/UMTS (HSPA, GSM/GPRS/EDGE, 1x Rev. A, 1xEV-DO Rev. A)	8 MP	gpsOne Gen 7	Hexagon QDSP5 350MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip AR6003/5, WCN1314	BT4.0, FM Rx/TX, via add1 chip WCN2243	45nm
MSM7227A	0.8-1.0 GHz Cortex A5	Adreno 200	FWVGA	FWVGA	UMTS (HSPA, GSM/GPRS/EDGE)	8 MP	gpsOne Gen 7	Hexagon QDSP5 350MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip AR6003/5, WCN1314	BT4.0, FM Rx/TX, via add1 chip WCN2243	45nm
MSM7625	528 MHz ARM 11	Software rendered 2D support BREW 2D SVG Tiny 1.2 software	HVGA	VGA	CDMA/UMTS (HSPA, GSM/GPRS/EDGE, 1x Rev. A, 1xEV-DO Rev. A)	5 MP	gpsOne Gen 7	Hexagon QDSP5 320MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip WCN1314	BT2.0/2.1 via add1 chip BTS4025	65nm
MSM7225	528 MHz ARM 11	Software rendered 2D support BREW 2D SVG Tiny 1.2 software	HVGA	VGA	UMTS (HSPA, GSM/GPRS/EDGE)	5 MP	gpsOne Gen 7	Hexagon QDSP5 320MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip WCN1314	BT2.0/2.1 via add1 chip BTS4025	65nm
MSM7625A	0.6-0.8 GHz Cortex A5	Adreno 200	HVGA	VGA	CDMA/UMTS (HSPA, GSM/GPRS/EDGE, 1x Rev. A, 1xEV-DO Rev. A)	5 MP	gpsOne Gen 7	Hexagon QDSP5 350MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip AR6003/5, WCN1314	BT4.0, FM Rx/TX, via add1 chip WCN2243	45nm
MSM7225A	0.6-0.8 GHz Cortex A5	Adreno 200	HVGA	VGA	UMTS (HSPA, GSM/GPRS/EDGE)	5 MP	gpsOne Gen 7	Hexagon QDSP5 350MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip AR6003/5, WCN1314	BT4.0, FM Rx/TX, via add1 chip WCN2243	45nm
S2	CPU	GPU		Video	Modem	Camera	GPS	DSP	USB	WiFi	Bluetooth	Process
MSM8655	1 - 1.4 GHz Scorpion	Adreno 205	XGA	720p	CDMA/UMTS (HSPA+, GSM/GPRS/EDGE, 1x Adv., 1x EV-DO Rev. A/B)	12 MP	gpsOneGen 8 with GLONASS	Hexagon QDSP5 256MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip WCN1314	BT4.0, FM Rx/TX, via add1 chip WCN2243 or BT3.0 + HS, FM Rx/TX via QTR8x00	45nm
MSM8255	1 - 1.4 GHz Scorpion	Adreno 205	XGA	720p	UMTS (HSPA+, GSM/GPRS/EDGE)	12 MP	gpsOneGen 8 with GLONASS	Hexagon QDSP5 256MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip WCN1314	BT4.0, FM Rx/TX, via add1 chip WCN2243 or BT3.0 + HS, FM Rx/TX via QTR8x00	45nm
APQ8055	1 - 1.4 GHz Scorpion	Adreno 205	XGA	720p	No Modem	12 MP	gpsOneGen 8 with GLONASS	Hexagon QDSP5 256MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip WCN1314	BT4.0, FM Rx/TX, via add1 chip WCN2243 or BT3.0 + HS, FM Rx/TX via QTR8x00	45nm
MSM7630	0.8 GHz Scorpion	Adreno 205	XGA	720p	CDMA/UMTS (HSPA+, GSM/GPRS/EDGE, 1x Adv., 1x EV-DO Rev. A/B)	12 MP	gpsOneGen 8 with GLONASS	Hexagon QDSP5 256MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip WCN1314	BT4.0, FM Rx/TX, via add1 chip WCN2243 or BT3.0 + HS, FM Rx/TX via QTR8x00	45nm
MSM7230	0.8 GHz Scorpion	Adreno 205	XGA	720p	UMTS (HSPA+, GSM/GPRS/EDGE)	12 MP	gpsOneGen 8 with GLONASS	Hexagon QDSP5 256MHz	USB 2.0 HS Peripheral or Host	802.11b/g/n via add1 chip WCN1314	BT4.0, FM Rx/TX, via add1 chip WCN2243 or BT3.0 + HS, FM Rx/TX via QTR8x00	45nm
S3	CPU	GPU		Video	Modem	Camera	GPS	DSP	USB	WiFi	Bluetooth	Process
MSM8660	1.2-1.7 GHz dual Scorpion	Adreno 220	WXGA+	1080p	CDMA/UMTS (HSPA+, GSM/GPRS/EDGE, 1x Adv., 1x EV-DO Rev. A/B)	16 MP	gpsOneGen 8 with GLONASS	Hexagon QDSP6 400MHz	USB 2.0 High Speed OTG (480Mbps)	802.11b/g/n via add1 chip WCN1314	BT4.0, FM Rx/TX via add1 chip WCN2243	45nm
MSM8260	1.2-1.7 GHz dual Scorpion	Adreno 220	WXGA+	1080p	UMTS (HSPA+, GSM/GPRS/EDGE)	16 MP	gpsOneGen 8 with GLONASS	Hexagon QDSP6 400MHz	USB 2.0 High Speed OTG (480Mbps)	802.11b/g/n via add1 chip WCN1314	BT4.0, FM Rx/TX via add1 chip WCN2243	45nm
APQ8060	1.2-1.7 GHz dual Scorpion	Adreno 220	WXGA+	1080p	No Modem	16 MP	gpsOneGen 8 with GLONASS	Hexagon QDSP6 400MHz	USB 2.0 High Speed OTG (480Mbps)	802.11b/g/n via add1 chip WCN1314	BT4.0, FM Rx/TX via add1 chip WCN2243	45nm



S4 Prime	CPU	GPU	Video	Modem	Camera	GPS	DSP	USB	WiFi	Bluetooth/FM	Process
MPQ8064	1.5 GHz Quad Krait	Adreno 320	FHD 1080p	No Modem	20 MP	NA	Hexagon QDSP6 500MHz	USB 2.0 High Speed OTG (480Mbps)	802.11a/b/g/n* via add'l chip AR9374	BT 4.0 via WCN2243	28nm
S4 Pro	CPU	GPU	Video	Modem	Camera	GPS	DSP	USB	WiFi	Bluetooth/FM	Process
MSM8960 Pro	1.5 - 1.7 GHz Dual Krait	Adreno 320	WUXGA 1080p	World Mode (LTE FDD/TDD CAT 3, SVLTE-DB, TD-SCDMA, Rel9 DC-HSPA+, GSM/GPRS/EDGE, EGAL, 1x Adv., 1x EV-DO Rev. A/B)	20 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 High Speed OTG (480Mbps)	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
APQ8064	1.5 - 1.7 GHz Quad Krait	Adreno 320	QXGA 1080p	No Modem	20 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 High Speed OTG (480Mbps)	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
S4 Plus	CPU	GPU	Video	Modem	Camera	GPS	DSP	USB	WiFi	Bluetooth/FM	Process
MSM8960	1.5 - 1.7 GHz Dual Krait	Adreno 225	WUXGA 1080p	World Mode (LTE FDD/TDD CAT 3, SVLTE-DB, TD-SCDMA, Rel9 DC-HSPA+, GSM/GPRS/EDGE, EGAL, 1x Adv., 1x EV-DO Rev. A/B)	20 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 High Speed OTG (480Mbps)	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
MSM8660A	1.5 - 1.7 GHz Dual Krait	Adreno 225	WUXGA 1080p	CDMA/UMTS (21 HSPA+, 1x Adv./Dor0/A/B, SVDO-DB)	20 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 High Speed OTG (480Mbps)	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
MSM8260A	1.5 - 1.7 GHz Dual Krait	Adreno 225	WUXGA 1080p	UMTS (DC-HSPA+, TD-SCDMA)	20 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 High Speed OTG (480Mbps)	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
APQ8060A	1.5 - 1.7 GHz Dual Krait	Adreno 225	WUXGA 1080p	No Modem	20 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 High Speed OTG (480Mbps)	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
MSM8930	1.2 GHz Dual Krait	Adreno 305	QHD 1080p	World Mode (LTE FDD/TDD CAT 3, SVLTE-DB, TD-SCDMA, Rel9 DC-HSPA+, GSM/GPRS/EDGE, EGAL, 1x Adv., 1x EV-DO Rev. A/B)	20 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 HS Peripheral or Host	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
MSM8630	1.2 GHz Dual Krait	Adreno 305	QHD 1080p	CDMA/UMTS (21 HSPA+, 1x Adv./Dor0/A/B, SVDO-DB)	20 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 HS Peripheral or Host	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
MSM8230	1.2 GHz Dual Krait	Adreno 305	QHD 1080p	UMTS (DC-HSPA+, TD-SCDMA)	20 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 HS Peripheral or Host	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
APQ8030	1.2 GHz Dual Krait	Adreno 305	QHD 1080p	No Modem	20 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 HS Peripheral or Host	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
MSM8627	1 GHz Dual Krait	Adreno 305	FWVGA 720p	CDMA/UMTS (21 HSPA+, 1x Adv./Dor0/A/B, SVDO-DB)	13.5 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 HS Peripheral or Host	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
MSM8227	1 GHz Dual Krait	Adreno 305	FWVGA 720p	UMTS (DC-HSPA+, TD-SCDMA)	13.5 MP	gpsOneGen 8A with GLONASS	Hexagon QDSP6 500MHz	USB 2.0 HS Peripheral or Host	802.11a/b/g/n*	BT 3.x + HS BT 4.0/LE FM Rx/Tx*	28nm
S4 Play	CPU	GPU	Video	Modem	Camera	GPS	DSP	USB	WiFi	Bluetooth/FM	Process
MSM8625	1 GHz Dual ARM Cortex A5	Adreno 203	FWVGA FWVGA	CDMA/UMTS (HSPA, GSM/GPRS/EDGE, 1x Rev. A, 1x EV-DO Rev. A/B)	8 MP	gpsOne Gen 7	Hexagon QDSP5 350MHz	USB 2.0 HS Peripheral or Host	802.11a/b/g/n via add'l chip AR6005	BT 3.x via add'l chip WCN2243	45nm
MSM8225	1 GHz Dual ARM Cortex A5	Adreno 203	FWVGA FWVGA	UMTS (HSPA, GSM/GPRS/EDGE)	8 MP	gpsOne Gen 7	Hexagon QDSP5 350MHz	USB 2.0 HS Peripheral or Host	802.11a/b/g/n via add'l chip AR6005	BT 3.x via add'l chip WCN2243	45nm

\*-Digital integrated in SoC, Analog added via WCN3660/80