Sierra Wireless AirPrime™ Embedded Wireless Modules SL Series

AirPRIME SL6087

Elected "Best 2G Module" by the GSM Association in 2010, the AirPrime SL6087 quad-band EDGE module natively supports a complete embedded application framework.

AirPRIME SL808x

The AirPrime SL808x offers dual-band HSDPA connectivity (up to 3.6 Mbps downlink) and quad-band GSM/GPRS/EDGE network access. It offers worldwide coverage with 3 different dual-band versions: 850/900 MHz, 900/2100 MHz, and 850/2100 MHz. SL8080 is data+voice; SL8081 is data only.

AirPRIME SL809x

The AirPrime SL809x is one of the smallest high-speed HSPA+ modules in the industry, featuring voice, antenna diversity, and GPS support. It offers tri-band (850/1900/2100 MHz) or dual-band (900/2100 MHz) HSPA+ connectivity with data speeds up to 14.4 Mbps on the downlink and 5.7 Mbps on the uplink, as well as quad-band GSM/GPRS/EDGE.

AirPriME SL501x

The AirPrime SL501x is a dual-band (800/1900 MHz) EV-DO Rev A module. It offers data speeds up to 3.1Mbps on the downlink and up to 1.8Mbps on the uplink, and supports GPS. SL5010 is data+voice; SL5011 is data only.

AirPrime SL9090

The AirPrime SL9090 is one of the smallest high-speed **Multi-mode HSPA+ and EV-DO** modules in the industry, featuring voice, antenna diversity, and GPS support. It offers quad-band HSPA+ (800/850/1900/2100 MHz), dual-band EV-DO (800/1900 MHz), and quad-band GSM/GPRS/EDGE (850/900/1800/1900MHz) connectivity with data speeds up to 14.4 Mbps on the downlink and 5.7 Mbps on the uplink.

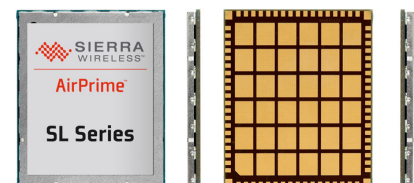## AirPrime SL Universal Development Tools

A Universal "Quick Start" development kit is available to support SL series development. Socket-up modules are available for each specific module version and carriers.

Developer Kits and Product Available Now from Richardson RFPD!

KEY BENEFITS

- Compact and cost-effective module with processing capabilities
- High scalability for new network technologies
- A single form-factor compatible for multiple regions
- Resists industrial environments and extended temperatures
- Fast deployment with an embedded application framework

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Sierra Wireless AirPrime™ Embedded Wireless Modules SL Series

GSM:

Part Number SMT Module	Sierra SKU	Frequency Range (Mhz)	Technology	Open AT	Temp °C	GPS	Voice	Data	Regulatory Approval	Carrier Firmware	Firmware Version	Size (mm)	Socket up module PN	Socket up dev kit PN	SMT Module Dev Kit PN
SL6087_1101400	1101400	850/900/1800/1900	GSM/GPRS/EDGE	Yes	-40-+85	No	Yes	Yes	FCC/CE/IC/PTCRB/NCC/Atick/Anatel/SRRC	ATT/Tmobile	R7.45.1/ExtAT 1.01.1	25x30x2.40	6000465	SL_SERIES_QSK	6000471 or 6000550
SL6087_1101565	1101565	850/900/1800/1900	GSM/GPRS/EDGE	Yes	-40-+85	No	Yes	Yes	FCC/CE/IC/PTCRB/NCC/Atick/Anatel/SRRC	Vodafone	R7.44.6/WIPSOFT 5.40	25x30x2.40	6000465	SL_SERIES_QSK	6000471 or 6000550
SL8080_1101821	1101508	850/900/1800/1900	GSM/GPRS/EDGE/HSPA/UMTS	No	-40-+85	Yes	Yes	Yes	FCC/CE/IC/PTCRB	ATT	S2.0.0.21B	25x30x2.40	6000462	SL_SERIES_QSK	6000471 or 6000550
SL8080B_1101520	1101520	850/900/1800/1900	GSM/GPRS/EDGE/HSPA/UMTS	No	-40-+85	No	Yes	Yes	FCC/CE/IC/PTCRB	Rogers	S2.0.0.21	25x30x2.40	N/A	N/A	6000471 or 6000550
SL8080T_1101545	1101545	850/900/1800/1900	GSM/GPRS/EDGE/HSPA/UMTS	Yes	-40-+85	Yes	Yes	Yes	FCC/CE/IC/PTCRB	ATT	4.1.0.07	25x30x2.40	6000516	SL_SERIES_QSK	6000471 or 6000550
SL8081_1101184	1101184	850/900/1800/1900	GSM/GPRS/EDGE/HSPA/UMTS	No	-40-+85	No	No	Yes	FCC/CE/IC/PTCRB/NCC	ATT	S2.0.0.19	25x30x2.40	6000467	SL_SERIES_QSK	6000471 or 6000550
SL8090_1101425	1101425	850/900/1800/1900/2100	GSM/GPRS/EDGE/HSPA+ /UMTS	No	-40-+85	Yes	Yes	Yes	FCC/CE/PTCRB/IC/NCC/NTT DoCoMo	ATT	P1.0.0.8	25x30x2.40	6000474	SL_SERIES_QSK	6000471 or 6000550

CDMA:

Part Number SMT Module	Sierra SKU	Frequency Range (Mhz)	Technology	Open AT	Temp °C	GPS	Voice	Data	Regulatory Approval	Carrier Firmware	Firmware Version	Size (mm)	Socket up module PN	Socket up dev kit PN	SMT Module Dev Kit PN
SL3010_1101861	TBD	800/1900	1xRTT CDMA	No	-40-+85	Yes	Yes	Yes	FCC/IC/VERIZON/SPRINT	Verizon	1.05.06	25x30x2.35	N/A	N/A	6000471 or 6000550
SL3011_1101860	TBD	800/1900	1xRTT CDMA	No	-40-+85	Yes	No	Yes	FCC/IC/VERIZON/SPRINT	Sprint	1.05.03	25x30x2.35	N/A	N/A	6000471 or 6000550
SL5010_1101507	1101507	800/1900	1xRTT CDMA/ EV-DO Rev A	No	-40-+85	Yes	Yes	Yes	FCC/IC/VERIZON/SPRINT	Verizon	1.05.06	25x30x2.35	6000485	SL_SERIES_QSK	6000471 or 6000550
SL5010_1101441	1101441	800/1900	1xRTT CDMA/ EV-DO Rev A	No	-40-+85	Yes	Yes	Yes	FCC/IC/VERIZON/SPRINT	Sprint	1.05.03	25x30x2.35	6000486	SL_SERIES_QSK	6000471 or 6000550
SL5011_1101506	1101506	800/1900	1xRTT CDMA/ EV-DO Rev A	No	-40-+85	Yes	No	Yes	FCC/IC/VERIZON/SPRINT	Verizon	1.05.06	25x30x2.35	6000480	SL_SERIES_QSK	6000471 or 6000550
SL5011_1101442	1101442	800/1900	1xRTT CDMA/ EV-DO Rev A	No	-40-+85	Yes	No	Yes	FCC/IC/VERIZON/SPRINT	Sprint	1.05.03	25x30x2.35	6000481	SL_SERIES_QSK	6000471 or 6000550

DUAL:

Part Number SMT Module	Sierra SKU	Frequency Range (Mhz)	Technology	Open AT	Temp °C	GPS	Voice	Data	Regulatory Approval	Carrier Firmware	Firmware Version	Size (mm)	Socket up module PN	Socket up dev kit PN	SMT Module Dev Kit PN
SL9090_1101548	1101548	800/850/900/1800/1900/2100	GSM/GPRS/EDGE/UMTS/HSPA/EV-DO Rev A/1xRTT CDMA	No	-40-+85	Yes	Yes	Yes	FCC/PTCRB/IC	Verizon	9902136	25x30x2.40	N/A	N/A	6000471 or 6000550

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