

# Sierra Wireless AirPrime™ Intelligent Embedded Modules MC Series



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### Air Interface Innovation

Sierra Wireless AirPrime™ 3G MC Series embedded modules deliver reliable, high-quality mobile broadband connectivity with a variety of advanced air interfaces. The AirPrime MC Series can turn any mobile computing or mobile consumer device into a powerful communication tool. The AirPrime MC Series modules are based on the PCI Express Mini Card standard with a USB 2.0 interface.

They are designed to work with EV-DO Rev A, HSPA, and HSPA+ networks. The MC8704, MC8795V, MC8090, MC89092 and MC5728V support voice.

**AirPrime MC5728V** The AirPrime MC5728V provides OEMs with EV-DO Rev A wireless data access at speeds up to 3.1 Mbps downlink and 1.8 Mbps uplink. It is compatible with widely available CDMA EV-DO Rel 0 and 1xRTT networks.

**AirPrime MC8090/MC8092** The AirPrime MC8090 (850/1900/2100 MHz) and MC8092 (900/2100 MHz ) is an industrial temp-spec module that provides OEMs with HSPA wireless data access at speeds up to 14.4 Mbps downlink and 5.76Mbps uplink. Data and voice versions available.

**AirPrime MC8704/MC8705** Expand your product development sent into applications requiring higher bandwidth and take advantage of fast mobile broadband networks available worldwide, offering up to 42 Mbps download speeds with HSPA+ capabilities. Data and voice versions available.

### MC5728V

Part Number	Technology	Carrier Approval	Firmware	Comments	Predecessor
MC5728V_1101845	EV-DO/CDMA 1xRTT/GPS	VERIZON	1.56	Data/Voice	MC5728V_1101113
MC5728V_1101205	EV-DO/CDMA 1xRTT/GPS	SPRINT	01.33.01	Data/Voice	MC5728V_1101059
MC5728V_1101113	EV-DO/CDMA 1xRTT/GPS	VERIZON	01.33.01	Data/Voice	MC5728V_1101017
MC5728V_AERIS	EV-DO/CDMA 1xRTT/GPS	AERIS	01.33.01	Data/Voice	N/A
MC5728V_CELLCOM	EV-DO/CDMA 1xRTT/GPS	CELLCOM	01.33.01	Data/Voice	N/A

### MC8090/MC8092

Part Number	Technology	Carrier Approval	Firmware	Comments	Predecessor
MC8090_1101500	HSPA+/EDGE/GPRS/GPS	AT&T	1.0.0.8	Data/Voice	N/A
MC8090_1101532	HSPA+/EDGE/GPRS/GPS	AT&T	1.0.0.8	Data/UART	N/A
MC8092_1101501	HSPA+/EDGE/GPRS/GPS	EU	1.0.0.8	Data/Voice	N/A
MC8092_1101533	HSPA+/EDGE/GPRS/GPS	EU	1.0.0.8	Data/UART	N/A

### MC8704/MC8705

Part Number	Technology	Carrier Approval	Firmware	Comments	Predecessor
MC8705_1101183	HSPA+/EDGE/GPRS/GPS	AT&T	1.0.3.2	Data Only	N/A
MC8705_1101581	HSPA+/EDGE/GPRS/GPS	TELSTRA	3.5.3.2	Data Only	N/A
MC8705_1101723	HSPA+/EDGE/GPRS/GPS	GENERIC	1.0.3.2	Data Only	MC8705_1101281
MC8704_1101443	HSPA+/EDGE/GPRS/GPS	BELL	T3.0.2.1	Data/Voice	N/A
MC8704_1101297	HSPA+/EDGE/GPRS/GPS	GENERIC	2.0.2.1B	Data/Voice	N/A

### MC8795V

Part Number	Technology	Carrier Approval	Firmware	Comments	Predecessor
MC8795V_1101383	HSPA/EDGE/GPRS/GPS	GENERIC	K2.0.7.46C	Data/Voice	MC8795V_1101018
MC8795V_1101457	HSPA/EDGE/GPRS/GPS	AT&T	K2.0.7.50B	Data/Voice	MC8795V_1101981

### MiniCard Development Kit

Part Number	Comments
MC_SERIES_QSK	Universal development kit for all Sierra MiniCards

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