

DATA SHEET SIERRA WIRELESS AIRPRIME HL7692 WIRELESS MODULE

KEY BENEFITS

Compact: the smallest 4G / 2G form factor on the market
Future proof: Intelligent pin-to-pin compatibility. Easy migration to LPWA
Flexible: solder down or snap-in socket options
Tri-band LTE
Voice call and SMS (Text/PDU format) support with fallback to 2G
Supports 3GPP Rel. 9

NETWORK

3GPP Protocol Stack Compliancy	Release 9
Support for TS.34 IoT Communication Efficiency	RPM – optional MSO – supported
Wireless Protocol Support	
2G/GPRS	Supported
3G/UMTS	None
4G/LTE	Supported
NB-IoT	None
Frequency Band Support	
2G Bands (MHz)	900, 1800
3G Bands (MHz)	None
4G Bands (MHz)	B3, B8, B20
NB-IoT Bands (MHz)	None
3GPP Classes / Categories	
CSD	None
GPRS Multislot Class (DL/UL)	12 (85.6 / 85.6 kbps)
EDGE Class (DL/UL)	33 (296 / 236.8 kbps)
HSDPA Category (DL)	None
HSUPA Category (UL)	None
LTE Category	Cat. 1
NB-IoT Category	None
Short Message Service (SMS)	Text, PDU
Speech Codecs	GSM FR, GSM HR, GSM EFR, FR AMR, HR AMR
Firmware Updates	Supported (free, unlimited)
Integrated Positioning Technology	
GPS	None
GLONASS	None

Control Plane A-GPS Support	None
SUPL A-GPS Support	None
Regulatory	
eCall	None
Standalone / Assisted GNSS	None
TTY	None

HARDWARE

Dimensions (L x W x H, mm)	22.0 x 23.0 x 2.5
Weight (g)	3.5
Operating Temperature – Extended Operation (°C)	None
Supply Voltage Range (V)	-40 °C to +85 °C
Interfaces	
USB 2.0 (480 Mbps)	Supported, 1x
ASC0 HS Serial Modem	None
GPIO Lines	Supported, 8 pins
UICC and U/SIM (1.8 V/3 V)	1.8 V, 3V
ADC and I2C	Supported
Serial Interfaces 1.8 V (including automatic baud rate detection)	Supported, 2x
Digital Audio, prepared for Analog Audio	Supported, 1x

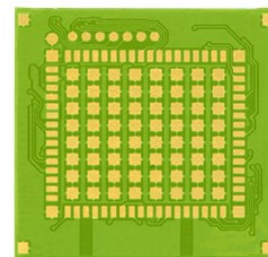


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CERTIFICATION DETAILS

GMA Certification	None
Deutsche Telekom Certification Date (Initial Firmware)	13.09.2018 (RHL769x.2.26.180400.20180214 1030.x7120m_1)
Certified Deutsche Telekom Affiliates	AL, AT, CZ, DE, GR, HR, HU, ME, MK, NL, PL, RO, SK
Certifying Entity	DTAG IDU-TIV
DT Certification Type (Conditions)	Limited certification (technical issues to be addressed)
Deutsche Telekom Affiliate Country Codes	
AL	Telekom Albania
AT	T-Mobile Austria GmbH
CZ	T-Mobile Czech Republic a.s.
DE	Telekom Deutschland GmbH
GR	COSMOTE Mobile Telecommunications S.A.
HR	Hrvatski Telekom d.d.
HU	Magyar Telekom Telecommunications plc
ME	Cmorgski Telekom a.d. Podgorica
MK	Makedonski Telekom AD – Skopje
NL	T-Mobile Netherlands B.B.
PL	T-Mobile Polska S.A.
RO	Telekom Romania Mobile Communications S.A.
SK	Slovak Telekom, a.s.



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