

SKYWIRE® LTE CAT 1 VERIZON

END-DEVICE CERTIFIED MODEM

NimbeLink is the leading provider of cellular technology, solutions, and services. The company has extensive experience in designing and building embedded product solutions. Because of this experience and the company's design review program, products using the NL-SW-LTE-S7618RD embedded modem will be developed and deployed right the first time. The NL-SW-LTE-S7618RD is end-device certified and enables the fastest and most cost-effective time to market. With NimbeLink's tried and trusted processes there is no "going back to the drawing board."

Created by a product company for product companies, the NL-SW-LTE-S7618RD is available with bundled data plans from Verizon, and has the longest network life. The modem is targeted for the United States and uses the latest 4G LTE technologies.

NimbeLink's Skywire customer relationships do not end when a product has been deployed. The company offers a continuum of customer care and support that ensures that the process and overall experience remains positive through the entire product and relationship lifecycle.

The NimbeLink team and NL-SW-LTE-S7618RD Skywire modem take the complexity out of designing and deploying cellular IoT solutions, and get you to market fast!

FEATURES

- No carrier certification required
- Antenna independent
- USB and UART serial interfaces
- Small form-factor
- Skywire interface
- U.FL port for antenna flexibility
- RoHS Compliant

ADVANTAGES

- FCC Certified
- Longest Network Life
- Improved reception with RX diversity
- 3V-5V input
- Lower cost than LTE CAT 3-4 modems
- Supported Bands LTE B4, LTE B13

PRODUCT BRIEF

PART NUMBERS	DESCRIPTION
NL-SW-LTE-S7618RD	Skywire, LTE CAT 1, Verizon



TECHNICAL SPECIFICATIONS	
NL-SW-LTE-S7618RD	
TARGET REGION	
---	North America (United States)
4G LTE	
Category	CAT 1
Frequency Band	B4, B13
DATA SPEEDS	
Download Rate	CAT 1: 10Mbps
Upload Rate	CAT 1: 5Mbps
HARDWARE	
Form Factor	Skywire Interface
Dimensions	29mm x 33mm x 10.5mm
INTERNET PROTOCOLS	
---	PPP, TCP, UDP, SSL, TLS, FTP, HTTP(S)
POWER SUPPLY	
Supply Voltage	3V to 5.5V
Current Consumption	530 mA (Typical)
Power Save Mode	1.7 mA
Receive Sensitivity (Typical)	LTE B4: -95 dBm LTE B13: -95 dBm
INTERFACES	
Type	UART, USB (USB 2.0 compliant)
SIM SLOT	
Type	3FF SIM card slot
APPROVALS	
Regulatory	FCC
Carrier	Verizon
Compliance	RoHS compliant
TEMPERATURE RANGE	
Industrial Grade	-40°C to +85°C
SUPPORT AND WARRANTY	
---	1 Year standard warranty



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