

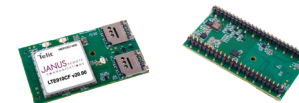
CF Socket Modems Comparison (Common Footprint)

Specs / Parameter

LTE910CF CAT1 v15.00

LTE910CF CAT1 v18.00 Dual SIM



LTE910CF CAT-M1/NB2 v20.00



Power Supply	Input Voltage Range	4.75 - 5.25 Vdc	4.75 - 5.25 Vdc	4.75 - 5.25 Vdc
	Registered Idle Current Draw*	15mA	15mA	12mA
	Power Savings Current Draw*	2mA	2mA	2mA
Hardware	Screw Mounting Hole	Yes	Yes	Yes
	Cellular Technology - Primary Fallback	LTE (CAT 1)	LTE (CAT 1)	LTE (CAT-M1/NB2) EGPRS 2G
Cellular	Max Data Rate down/up (Mbps)	10 / 5	10 / 5	CAT-M1: 1 Mbps/588 Kbps; NB2: 160/120 Kbps
	2G Bands			B2, B3, B5, B8, (210/264 Kbps)
	3G Bands	B2, B4, B5	B2, B4, B5	
	4G Bands	B2, B4, B5, B12, B13, B14, B66, and B71	B13, B12, B5, B4 and B2	B1, B2, B3, B4, B5, B8, B12, B13, B18 B19, B20, B25, B26, B27, B28, B66, B71, B85
	Rx Diversity	Rx & MIMO DL 2x2	Rx & MIMO DL 2x2	N/A
	SIM Card	Mini (2FF size)	Two 3FF micro	Mini (2FF size)
	Certification	AT&T, Verizon, Rogers, Bell, Telus	AT&T, Verizon, Rogers, Bell, Telus	Global CAT-M1/NB2
	GPS	GPS Available?	No	No
UART	UART Interfaces	AT Command AUX Tx/Rx	AT Command AUX Tx/Rx	AT Command AUX Tx/Rx
	UART Voltage	2.85 or user selected	2.85 or user selected	2.85 or user selected
	UART Baud Rate	115200 Default	115200 Default	115200 Default
USB	USB Interfaces	Modem: USB0 Virtual Com Ports: USB1, USB2 USB3, USB4 USB5	Modem: USB0 Virtual Com Ports: USB1, USB2 USB3, USB4 USB5	Modems: USB1, USB2 Virtual Com Port: USB0
	Software	TCP/IP Application Programming	UDP/TCP/FTP/SMTP stack C	UDP/TCP/FTP/SMTP stack C No
I/O	GPIO	5 (GPIO_3-7)	5 (GPIO_3-7)	5 (GPIO_3-7)
	LED Indicator Outputs	1. Cellular Staus 2. User Controlled	1. Cellular Staus 2. User Controlled	1. Cellular Staus 2. User Controlled
	DAC	0	0	0
	ADC	1	1	1
	I2C (Via AT Commands)	Yes	Yes	Yes
	I2C Voltage	1.8 Vdc	1.8 Vdc	1.8 Vdc
Audio	Audio Interface	N/A	N/A	N/A
	Audio Signal Voltage	N/A	N/A	N/A

* Average Current: may be higher in fallback modes.

CF Socket Modems Comparison (Common Footprint)

Specs / Parameter		LTE910CF v6.00	LTE910CF v7.00
			
Power Supply	Input Voltage Range	4.75 - 5.25 Vdc	4.75 - 5.25 Vdc
	Registered Idle Current Draw*	15mA	15mA
	Power Savings Current Draw*	2mA	2mA
Hardware	Screw Mounting Hole	Yes	Yes
	Cellular Technology - Primary Fallback	LTE (CAT 1)	LTE (CAT 1)
Cellular	Max Data Rate down/up (Mbps)	10 / 5	10 / 5
	2G Bands		
	3G Bands		B2, B5
	4G Bands	B2, B4, B13	B2, B4, B5, B12, B13
	Rx Diversity	MIMO DL 2x2	Rx & MIMO DL 2x2
	SIM Card	Mini (2FF size)	Mini (2FF size)
	Certification	Verizon	AT&T
GPS	GPS Available?	No	No
UART	UART Interfaces	AT Command AUX Tx/Rx	AT Command AUX Tx/Rx
	UART Voltage	2.85 or user selected	2.85 or user selected
	UART Baud Rate	115200 Default	115200 Default
USB	USB Interfaces	Modem: USB0 Virtual Com Ports: USB1, USB2 USB3, USB4 USB5	Modem: USB0 Virtual Com Ports: USB1, USB2 USB3, USB4 USB5
Software	TCP/IP	UDP/TCP/FTP/SMTP stack	UDP/TCP/FTP/SMTP stack
	Application Programming	C	C
I/O	GPIO	5 (GPIO_3-7)	5 (GPIO_3-7)
	LED Indicator Outputs	1. Cellular Staus 2. User Controlled	1. Cellular Staus 2. User Controlled
	DAC	0	0
	ADC	1	1
	I2C (Via AT Commands)	Yes	Yes
	I2C Voltage	1.8 Vdc	1.8 Vdc
Audio	Audio Interface	No	N/A
	Audio Signal Voltage	N/A	N/A

* Average Current: may be higher in fallback modes.