

GLYN Global Form Factor (GFF) - Robust Global Board for 4G/3G Cellular, Sigfox and LoRa

RF OEM

GFF

A Glyn OEM RF Module enables you to get to market faster.

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Our GFF form factor allows for a carrier board that is plug and play compatible on the 80-way connector - the largest pin-out available in the Glyn line. There are also both UART and USB communication options.

With robust connectivity options, the pluggable Glyn Cellular, Sigfox and LoRa modules enable you to have the right connectivity solution for any product application.

Cellular

The GFF910 uses the xE910 global form factor from Telit to provide a wide range of cellular options including, LTE Cat4, Cat1, M1, NB-IoT, 2G & 3G.

Sigfox

The GFFSIG uses the Wisol module family, to provide Sigfox modules for each of the regional zones.

LoRa

The GFFLORA uses the Microchip module family to provide all band support in 2 module options. RN2483 covers 433 and 868 MHz, whilst the RN2903 covers 915 MHz, including LoRaWAN AS923 and AU915 specifications.

Having the standard form factor on the Glyn GFF carrier boards allows for your product to be deployed world-wide with whatever wireless option you need, by just plugging in the appropriate Glyn GFF board for your requirement.



GFF910



GFFSIG

Part Number Breakdown

GFF	910	-xE	Communication protocol. Refer to Telit xE910 range		
		-XXX	Module variant. Embedded GNSS options available		
		-X	Firmware version		
		-G	Option	GPIO10 support – standard build	
		-M	Option	DVI master	
		-S	Option	DVI slave	
	Sigfox	-RCX	Regional variant - RC1, 2, 3 or 4.		
		-10	Sigfox only module		
		-X	Firmware version		
	LoRa	-RN2XXX	Module variant - 2483(863-870MHz(EU), EU433(EU), IN865-867), 2903(US902-928MHz(USA), AU915-928MHz(NZ), AU915-928MHz(Aus), AS923, KE920-923)		

Specifications

Form Factor	Molex 80-way board connector	Operating Temperature	-40 to 85° C
Dimensions	37 x 30 x 5.7mm	Operating Voltage	3V8
Configuration Method	AT commands	Data Interface	UART/USB
Antenna Options	IPX/u.FL connector	UART Level	2V8



GFF pinout table here.

Visit the Glynstore - www.glynstore.com/glyn-oem-modem-modules/

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