

Overview of Fastrax modules



IT530 / IT530M
GPS/GNSS modules
9.6 x 9.6 x 1.85 mm



UC530 / UC530M
GPS/GNSS antenna modules
9.6 x 14.0 x 1.95 mm



UP501
GPS antenna module
22.0 x 22.0 x 8.0 mm

Model	Type						Supply		Interfaces				Features												
	GPS	QZSS	GLONASS	Timing	Dead Reckoning	Precise Point Positioning	1.8 V	1.8 V and 3.3 V	3.0 V – 4.3 V	Lowest power (DC/DC)	UART	USB	SPI	I2C	Programmable (Flash)	Data logger	Extra front-end LNA	Front-end SAW filter	Oscillator	RTC crystal	Antenna supply	Antenna short circuit detection / protection	Antenna open circuit detection pin	Timepulse	External interrupt / Wakeup
IT530	•	•							•	•	•				•	•		•	T	•	•	○	○	•	•
IT530M	•	•	•						•	•	•				•	•		•	T	•	○	○	○	•	•
UC530	•	•							•	•	•				•	•		•	T	•				•	•
UC530M	•	•	•						•	•	•				•	•		•	T	•				•	•
UP501	•								•	•	•				•		•	•	T	•				•	

○ = Optional, not activated per default or requires external components
T = TCXO