




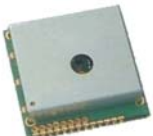


NavSync Product Overview

GPS Receiver & Timing Modules

Family	Variations	Description
CW25 	CW25-TIM	<ul style="list-style-type: none"> • Complete GPS receiver module • Programmable between 10Hz to 10MHz • Live tracking mode or position hold for greater accuracy • Accepts network assist data to allow acquisition of satellites of signal strength as low as 155dBm • <30 nsec accuracy to UTS
	CW25-NAV	
	CW25-ULS	
CW20 	CW20	<ul style="list-style-type: none"> • Delivers enhanced GPS tracking, down to -152 dBm • Supports either active or passive antenna • Low power consumption: 19 mA avg fully active • Compact Design • Support of WAAS/EGNOS
	CW20S	<ul style="list-style-type: none"> • Same features as the CW20 • SBAS supported feature
CW27 		<ul style="list-style-type: none"> • Standalone GPS receiver module • UART – NMEA interface • Nemerix NX3 GPS chipset • ARM7 based application processor • Exteremely low signal tracking sensitivity (-159dBm)
CW12 	CW12-TIM	<ul style="list-style-type: none"> • An integrated timing module powered by NavSync's CW25-TIM GPS receiver • Designed as drop-in replacement for Motorola's M12 product • Standard binary code & custom programming capabilities
CW45 	CW45A	<ul style="list-style-type: none"> • Complete GPS Sensor w/GPS receiver w/GPS antenna • RS232, RS422 and USB connectivity • DC/DC converter • Weather proof enclosure for direct integration into larger systems
	CW46	
CW22 		<ul style="list-style-type: none"> • Supports either active or passive antenna • Low power consumption: 19 mA avg fully active • Compact design: 22 x 22 x 3.8mm • Support of WAAS/EGNOS

Integrated GSS Modules & Sensors

CW10



- GPS driven module with mixed signal phase lock loop
- Generates 2.048MHz CMOS output from intrinsically low jitter voltage controlled oscillator.
- Locks to 10MHz reference derived from on-board GPS receiver or external reference

CW100



- Features two reference inputs, manual mode control, master/slave operation, three synchronous frequency outputs, a 1 ps output, a NMEA data output, a network assist input, two alarm outputs and SPI-accessible status monitoring.

CW19



- GPS receiver with built-in antenna and USB connectivity
- Small size designed for use with a laptop and navigation software for vehicle use
- Designed for use in weak signal GPS environments and ease of use with USB

CW85 Broadcaster



- Sensitive GPS receiver with tracking as low as -185dBW
- 802.11b compliant
- 128 bit-WEP encryption
- WPA encryption (not available in ADHOC mode)
- Portable – may operate on 6 AA alkaline batteries

GPS Development Kits

CW25 Development Kits



- Development kit to fully test the CW25-NAV, ULS, TIM modules
- Avoids need to develop test board
- Power accessories for US, UK, and Europe

CW20 Development Kits



- Development kit to fully test the CW20 / 20S devices
- Avoids need to develop test board
- Allows full access to IO interfaces and allows firmware to be re-programmed
- Power accessories for US, UK, and Europe

NavSync's newest miniature GPS module, "The TrineX," is based on the next generation Nemerix NX3 chipset. The NX3 is a single-package GPS receiver that incorporates RF and base-band, for a low cost and high performance module solution. The TrineX combines unmatched power, performance and accuracy, with one of the industry's smallest sizes and form factors, to deliver autonomous or assisted GPS capabilities to devices across an array of (wireless) networks. Ask us about "THE TRINEX" today.

Most products are stocked. Please call for specific product availability.

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