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## EM-506 (SiRF IV)

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### About The EM-506 Engine Board

#### Features:

The EM-506 GPS chipset features high sensitivity, low power consumption in an ultra compact form factor. The EM-506 GPS chipset is powered by SiRF Star IV, it can provide you with superior sensitivity and performance even in urban canyons and in dense foliage environments. With the SiRF CGEE (Client Generated Extended Ephemeris) technology, it can predict satellite positions for up to 3 days and deliver a CGEE-start time of less than 15 seconds under most conditions without any network assistance. The MicroPower Mode allows the GPS chipset to stay in a "hot-start" condition almost continuously while consuming little to no power at all.

EM-506 is suitable for the following applications:

- Automotive navigation
- Fleet management
- Marine navigation

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