

Motorola GPS Products

Product Progression

- 5 Volt Product Last Time Buy Notice
- Launch of new M12 Oncore Timing Module

After 5 successful years the time to move forward from the GT+, UT+ and SL Oncore is here. Triggered by major component obsolescence in the 5 Volt Chipset, we expect to transition all customers to our newer 3 volt low power 12 Channel platform over the next few months.

To complete the product portfolio for progression, we are launching an accurate timing product based on the M12 Oncore, called M12+ Timing Oncore. This exciting product represents a major step forward in our accurate timing portfolio, bringing 25nS 1 σ timing accuracy in a low cost module. Key features of M12+ Oncore and M12+ Timing Oncore are captured below.



M12+ Oncore

- 12 Channel operation
- 40 * 60mm Form Factor
- 60 Seconds Cold Start
- DGPS Base-station mode
- Excellent tracking performance

Positioning Applications

- 3v 0.225 W Power consumption
- 3 or 5 volt antenna support
- 15 Seconds Hot Start
- 500nS 1 σ Timing Accuracy
- Available Now



M12+ Timing Oncore

- 12 Channel operation
- 40 * 60mm Form Factor
- 25nS 1 σ Timing Accuracy
- Automatic site survey mode
- Beta Samples Available Now

Accurate Timing Applications

- 3v 0.225 W Power consumption
- 3 or 5 volt antenna support
- Position Hold Mode
- Advanced T-RAIM integrity monitoring
- Production August '02

The Coming Of Age

3volt 0.225 W GPS Solutions

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To: Motorola GPS Distributors and Customers

Subject: End Of Life Notice for GT+, UT+ and SL Oncore GPS Receivers

From: Motorola GPS Products Group

Date: 9 July '02

- Motorola GPS Products Group officially announces the End Of Life (EOL) for its range of 8 channel 5v GPS receivers, GT+, UT+ and SL Oncore.
- The change to the newer 12 channel 3v receiver products is due to major component obsolescence in the 5v chipset platform.
- All production stop timeframe indications are based around current forecast data submitted by our distributors and customers. Large changes in demand will affect the cut off dates.

<p><u>GT+ Oncore</u> Production Start '97 Production Stop Dec'02 Final Order Acceptance Nov'02</p> <p>R3111G111x Right Angle Header, OSX RF R3211G111x Right Angle, Battery, OSX R3111G114x Right Angle & SMB connector</p> <p>R3xxxGxxxx Customer Specials</p>	<p><u>M12+ Oncore Firmware 1.8 (Current Production)</u></p> <p>P273T11N15 Right Angle Header, MMCX RF P283T11N15 Right Angle, Battery, MMCX</p> <p>P273T12N15 Straight Header, MMCX RF P283T12N15 Straight header, Battery, MMCX</p> <ul style="list-style-type: none"> ➤ 12 Channel ➤ 3 Volt operation ➤ 0.225W Power Consumption ➤ 60 Second Cold Start Typical ➤ 15 Second Hot Start Typical ➤ 40mm * 60mm Form Factor
<p><u>SL Oncore</u> Production Start '98 Production Stop Dec'02 Final Order Acceptance Nov'02</p> <p>R6111G114x Right Angle & SMB connector</p> <p>R6xxxGxxxx Customer Specials</p>	
<p><u>UT+ Oncore</u> Production Start '97 Production Stop Mar'03 Final Order Acceptance Feb'03</p> <p>R5122U111x Right Angle Header, OSX RF R5222U111x Right Angle, Battery, OSX R5122U115x Right Angle & SMB connector</p> <p>R5xxxUxxxx Customer Specials</p>	<p><u>M12+ Timing Oncore</u> Firmware 1.0 (Launch August'02)</p> <p>P273T11T11 Right Angle Header, MMCX RF P283T11T11 Right Angle, Battery, MMCX</p> <p>P273T12T11 Straight Header, MMCX RF P283T12T11 Straight header, Battery, MMCX</p> <ul style="list-style-type: none"> ➤ M12+ Features as above ➤ <u>Samples available now</u> ➤ 25nS 1σ Timing Accuracy Typical

- Application notes to assist the transition from 8 to 12 channel will be available shortly.

Please contact your Motorola GPS Distributor or Motorola Account Executive for additional information on the replacement product outlined above, and for last time buy quotations on GT+, UT+ and SL Oncore.

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