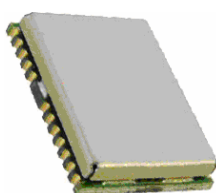


SIRIUS-2525R (ROM base)

Low-Power High-Performance and Low-Cost
65 Channel SMD GPS Module

Data Sheet

Version 2.0



Match Electronic Co. Ltd.
上海万佳电子有限公司

Abstract

Technical data sheet describing the cost effective, high-performance **SIRIUS-2525R** based series of ultra high sensitive GPS modules.

The **SIRIUS-2525R** is a GPS module that is sensitive to **electrostatic dis- charge (ESD)**. Please handle with appropriate care.

The Acceptability of Electronic Assemblies of the **SIRIUS-2525R**
has been under **IPC-A-610D** specification



GPS Modules

Version History

Rev.	Date	Description
1.1	10-12-08	Initial Draft – preliminary information
1.2	01-20-09	Preliminary
1.3	01-04-09	Minor corrections
1.4	08-06-09	Adding the reference design circuit
2.0	29-03-10	Pin assignments correction

Order Information (SMD GPS modules, SIRIUS)

Model Name	Dimension	PIN	Architecture
SIRIUS-1513R	15mm*13mm	36 pins	ROM
SIRIUS-1612R	16mm*12.2mm	24 pins	ROM
SIRIUS-1618R	16mm*18mm	24 pins	ROM
SIRIUS-1722R	17mm*12mm	28 pins	ROM
SIRIUS-2525F	25mm*25mm	30 pins	Flash
SIRIUS-2525R	25mm*25mm	30 pins	ROM

Note

Flash version supports the features ;

- Binary code (Configuration command programmable)
- Selectable NMEA output data sentences
- Selectable Serial Port Settings. (4800/9600/38400/115200bps. Default : 9600)
- Selectable update rate (1 / 2 / 4 / 5 / 8 / 10 Hz update rate (ROM version only supports 1Hz default))
- Firmware upgrade