

### RF-SUISSE frequency reference product features, available options

RF-SUISSE GPS receivers:

Characteristic	RS-	<a href="#">GPSPPS1</a>	<a href="#">GPSPPS2</a>	<a href="#">GPSPPS3</a>	<a href="#">GPSPPS4</a>
General purpose GPS receiver		✓			
High performance GPS timing receiver			✓	✓	✓
Integrated 3.3V antenna supply		✓	✓	✓	✓
Antenna supervisor			✓	✓	✓
RS232 control full level		✓	✓	✓	✓
Optical RS232					
USB control			✓		✓
D-sub connector for supply, control and 1PPS				✓	✓
Front SMB 1PPS output		✓	✓		
Rear 4-way 1PPS output		✓	✓		
Rear optical 1PPS output (fibre-optic transmission)					✓

Frequency reference modules:

Characteristic	RS-	GGOxx-Tx *)	<a href="#">GGOxx-T2x</a>	<a href="#">GGOxx-T3x</a>	GGO10-Ox *)	<a href="#">GGO10-O2x</a>	<a href="#">PFRM10</a>
TCXO based		✓	✓	✓			
OCCO based					✓	✓	✓
Available with 1PPS input		✓	✓	✓	✓	✓	✓
Available with integrated GPS		✓	✓	✓	✓	✓	✓
1PPS synchronized output			✓	✓		✓	✓
Low phase noise				✓	✓	✓	✓
LED status indicator		✓	✓	✓	✓	✓	
I2C control (optional)		✓	✓	✓	✓	✓	
Module with leads		✓	✓	✓	✓	✓	
Aluminium enclosure							✓

\*) not recommended for high volume designs!

Frequency references:

Characteristic	RS-	CGGO10-T *)	<a href="#">MRGGT10R-xxx</a>	<a href="#">CGGO10-O-xxx</a>	
TCXO based		✓	✓		
OCXO based				✓	
Available with optical 1PPS input			✓	✓	
Available with integrated GPS		✓	✓	✓	
Available with fibre-optic output			✓	✓	
Holdover Stratum 3/3E				✓	
Low phase noise			✓	✓	
LED status indicator		✓	✓	✓	
RS232 control for GPS		✓	✓	✓	
1PPS synchronized output			✓	✓	

\*) not recommended for new designs

For ordering codes to specify the different options please consult the relevant datasheets.