

Product Name
ECOS-D RBS4000H V3110WA0C14W0E100S1V2G2-010
P/N: 145-0542/01
FCC-ID: 2ATWB-F567H-HP

FAMILY DESCRIPTION

Below is a table that defines the Models derived from the archetype Model:

ECOS-D RBS4000H V3110WA0C14W0E100S1V2G2-010

The modules that differentiate the Models are highlighted in green.

General Code: ECOS-D RBS4000H V3bbbWA0C14W0E100SnVpGr-010	
RF Power	<u>bbbW</u> bbb = 110 - Pout 110W bbb = 000 - indicates no Power Amplifier module
Board - SOIP	<u>Sn</u> n = 1 - indicates one SOIP on CORE module n = 0 - indicates no SOIP
Board - Vocoder	<u>Vp</u> p = 2 - indicates one 'multi' VOCODER on CORE module p = 0 - indicates no VOCODER
Synchronization - GPS receiver	<u>Gr</u> r = 1 - indicates one GPS receiver piggy-back on CORE module r = 2 - indicates two GPS receiver piggy-back on CORE module r = 0 - indicates no GPS receivers piggy-back

All of the following models are identical to the archetype for the following parts:

- same DC/DC converter
- same radio part
- same frequency band
- same connectors
- same shield
- same block diagrams.

The only differences are listed in the following table:



Radio Base Station VHF 136-174 MHz 110W - Derived Models table

#	Max RF Tx Power (Watt)	SOIP	Vocoder	GPS RX	Model	Note Differences from Archetype
1	110	1	2	2	ECOS-D RBS4000H V3110WA0C14W0E100S1V2G2-010	archetype
2	110	1	2	1	ECOS-D RBS4000H V3110WA0C14W0E100S1V2G1-010	without one of two RX GPS
3	110	1	2	0	ECOS-D RBS4000H V3110WA0C14W0E100S1V2G0-010	without RX GPS
4	110	1	0	2	ECOS-D RBS4000H V3110WA0C14W0E100S1V0G2-010	without vocoder
5	110	1	0	1	ECOS-D RBS4000H V3110WA0C14W0E100S1V0G1-010	without vocoder and without one of two RX GPS
6	110	1	0	0	ECOS-D RBS4000H V3110WA0C14W0E100S1V0G0-010	without vocoder and without RX GPS
7	110	0	2	2	ECOS-D RBS4000H V3110WA0C14W0E100S0V2G2-010	without SOIP (Simulcast Over IP)
8	110	0	2	1	ECOS-D RBS4000H V3110WA0C14W0E100S0V2G1-010	without SOIP (Simulcast Over IP) and without one of two RX GPS
9	110	0	2	0	ECOS-D RBS4000H V3110WA0C14W0E100S0V2G0-010	without SOIP (Simulcast Over IP) and without RX GPS
10	110	0	0	2	ECOS-D RBS4000H V3110WA0C14W0E100S0V0G2-010	without SOIP (Simulcast Over IP) and without vocoder
11	110	0	0	1	ECOS-D RBS4000H V3110WA0C14W0E100S0V0G1-010	without SOIP (Simulcast Over IP), without vocoder and without one of two RX GPS
12	110	0	0	0	ECOS-D RBS4000H V3110WA0C14W0E100S0V0G0-010	without SOIP (Simulcast Over IP), without vocoder and without RX GPS
13	0	1	2	2	ECOS-D RBS4000H V3000WA0C14W0E100S1V2G2-010	without Power Amplifier module
14	0	1	2	1	ECOS-D RBS4000H V3000WA0C14W0E100S1V2G1-010	without Power Amplifier module and without one of two RX GPS
15	0	1	2	0	ECOS-D RBS4000H V3000WA0C14W0E100S1V2G0-010	without Power Amplifier module and without RX GPS
16	0	1	0	2	ECOS-D RBS4000H V3000WA0C14W0E100S1V0G2-010	without Power Amplifier module and without vocoder
17	0	1	0	1	ECOS-D RBS4000H V3000WA0C14W0E100S1V0G1-010	without Power Amplifier module, without vocoder and without one of two RX GPS
18	0	1	0	0	ECOS-D RBS4000H V3000WA0C14W0E100S1V0G0-010	without Power Amplifier module, without vocoder and without RX GPS
19	0	0	2	2	ECOS-D RBS4000H V3000WA0C14W0E100S0V2G2-010	without Power Amplifier module and without SOIP (Simulcast Over IP)
20	0	0	2	1	ECOS-D RBS4000H V3000WA0C14W0E100S0V2G1-010	without Power Amplifier module, without SOIP (Simulcast Over IP) and without one of two RX GPS
21	0	0	2	0	ECOS-D RBS4000H V3000WA0C14W0E100S0V2G0-010	without Power Amplifier module, without SOIP (Simulcast Over IP) and without RX GPS
22	0	0	0	2	ECOS-D RBS4000H V3000WA0C14W0E100S0V0G2-010	without Power Amplifier module, without SOIP (Simulcast Over IP) and without vocoder
23	0	0	0	1	ECOS-D RBS4000H V3000WA0C14W0E100S0V0G1-010	without Power Amplifier module, without SOIP (Simulcast Over IP), without vocoder and without one of two RX GPS
24	0	0	0	0	ECOS-D RBS4000H V3000WA0C14W0E100S0V0G0-010	without Power Amplifier module, without SOIP (Simulcast Over IP), without vocoder and without RX GPS