

Product Name
ECOS-D RBS4000K U2110DA0C14W0E100S1V2G2-000
P/N: 145-0543/01
FCC-ID: 2ATWB-F967K-HP

FAMILY DESCRIPTION

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

ECOS-D RBS4000K U2110DA0C14W0E100S1V2G2-000

The modules that differentiate the Models are highlighted in green.

General Code: ECOS-D RBS4000K U2 bbbw A0C14W0E100 SnVpGr -000	
RF Configuration (Power and RX Diversity)	bbbw bbb = 110 - Pout 110W bbb = 000 - indicates no Power Amplifier module w = W - Configuration without RX Diversity w = D - Configuration with RX Diversity
Board - SOIP	Sn n = 1 - indicates one SOIP on CORE module n = 0 - indicates no SOIP
Board - Vocoder	Vp p = 2 - indicates one 'multi' VOCODER on one CORE module p = 0 - indicates no VOCODER
Synchronization - GPS receiver	Gr r = 1 - indicates one GPS receiver on CORE module r = 2 - indicates two GPS receiver on CORE module r = 0 - indicates no GPS receivers

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 450-526 MHz 110W - Derived models tabel							
#	Max RF Tx Power (Watt)	Rx Diversity	SoIP	Vocoder	GPS RX	Model	Note Differences from Archetype
1	110	D	1	2	2	ECOS-D RBS4000K U2110DA0C14W0E100S1V2G2-000	archetype
2	110	D	1	2	1	ECOS-D RBS4000K U2110DA0C14W0E100S1V2G1-000	without one of two RX GPS
3	110	D	1	2	0	ECOS-D RBS4000K U2110DA0C14W0E100S1V2G0-000	without RX GPS
4	110	D	1	0	2	ECOS-D RBS4000K U2110DA0C14W0E100S1V0G2-000	without vocoder
5	110	D	1	0	1	ECOS-D RBS4000K U2110DA0C14W0E100S1V0G1-000	without vocoder and without one of two RX GPS
6	110	D	1	0	0	ECOS-D RBS4000K U2110DA0C14W0E100S1V0G0-000	without vocoder and without RX GPS
7	110	D	0	2	2	ECOS-D RBS4000K U2110DA0C14W0E100S0V2G2-000	without SOIP (Simulcast Over IP)
8	110	D	0	2	1	ECOS-D RBS4000K U2110DA0C14W0E100S0V2G1-000	without SOIP (Simulcast Over IP) and without one of two RX GPS
9	110	D	0	2	0	ECOS-D RBS4000K U2110DA0C14W0E100S0V2G0-000	without SOIP (Simulcast Over IP) and without RX GPS
10	110	D	0	0	2	ECOS-D RBS4000K U2110DA0C14W0E100S0V0G2-000	without SOIP (Simulcast Over IP) and without vocoder
11	110	D	0	0	1	ECOS-D RBS4000K U2110DA0C14W0E100S0V0G1-000	without SOIP (Simulcast Over IP), without vocoder and without one of two RX GPS
12	110	D	0	0	0	ECOS-D RBS4000K U2110DA0C14W0E100S0V0G0-000	without SOIP (Simulcast Over IP), without vocoder and without RX GPS
13	0	D	1	2	2	ECOS-D RBS4000K U2000DA0C14W0E100S1V2G2-000	without Power Amplifier module
14	0	D	1	2	1	ECOS-D RBS4000K U2000DA0C14W0E100S1V2G1-000	without Power Amplifier module and without one of two RX GPS
15	0	D	1	2	0	ECOS-D RBS4000K U2000DA0C14W0E100S1V2G0-000	without Power Amplifier module and without RX GPS
16	0	D	1	0	2	ECOS-D RBS4000K U2000DA0C14W0E100S1V0G2-000	without Power Amplifier module and without vocoder
17	0	D	1	0	1	ECOS-D RBS4000K U2000DA0C14W0E100S1V0G1-000	without Power Amplifier module, without vocoder and without one of two RX GPS
18	0	D	1	0	0	ECOS-D RBS4000K U2000DA0C14W0E100S1V0G0-000	without Power Amplifier module, without vocoder and without RX GPS
19	0	D	0	2	2	ECOS-D RBS4000K U2000DA0C14W0E100S0V2G2-000	without Power Amplifier module and without SOIP (Simulcast Over IP)
20	0	D	0	2	1	ECOS-D RBS4000K U2000DA0C14W0E100S0V2G1-000	without Power Amplifier module, without SOIP (Simulcast Over IP) and without one of two RX GPS
21	0	D	0	2	0	ECOS-D RBS4000K U2000DA0C14W0E100S0V2G0-000	without Power Amplifier module, without SOIP (Simulcast Over IP) and without RX GPS
22	0	D	0	0	2	ECOS-D RBS4000K U2000DA0C14W0E100S0V0G2-000	without Power Amplifier module, without SOIP (Simulcast Over IP) and without vocoder



23	0	D	0	0	1	ECOS-D RBS4000K U2000DA0C14W0E100S0V0G1-000	without Power Amplifier module, without SOIP (Simulcast Over IP), without vocoder and without one of two RX GPS
24	0	D	0	0	0	ECOS-D RBS4000K U2000DA0C14W0E100S0V0G0-000	without Power Amplifier module, without SOIP (Simulcast Over IP), without vocoder and without RX GPS
25	110	W	1	2	2	ECOS-D RBS4000K U2110WA0C14W0E100S1V2G2-000	without RX Diversity
26	110	W	1	2	1	ECOS-D RBS4000K U2110WA0C14W0E100S1V2G1-000	without RX Diversity and without one of two RX GPS
27	110	W	1	2	0	ECOS-D RBS4000K U2110WA0C14W0E100S1V2G0-000	without RX Diversity and without RX GPS
28	110	W	1	0	2	ECOS-D RBS4000K U2110WA0C14W0E100S1V0G2-000	without RX Diversity and without vocoder
29	110	W	1	0	1	ECOS-D RBS4000K U2110WA0C14W0E100S1V0G1-000	without RX Diversity, without vocoder and without one of two RX GPS
30	110	W	1	0	0	ECOS-D RBS4000K U2110WA0C14W0E100S1V0G0-000	without RX Diversity, without vocoder and without RX GPS
31	110	W	0	2	2	ECOS-D RBS4000K U2110WA0C14W0E100S0V2G2-000	without RX Diversity and without SOIP (Simulcast Over IP)
32	110	W	0	2	1	ECOS-D RBS4000K U2110WA0C14W0E100S0V2G1-000	without RX Diversity, without SOIP (Simulcast Over IP) and without one of two RX GPS
33	110	W	0	2	0	ECOS-D RBS4000K U2110WA0C14W0E100S0V2G0-000	without RX Diversity, without SOIP (Simulcast Over IP) and without RX GPS
34	110	W	0	0	2	ECOS-D RBS4000K U2110WA0C14W0E100S0V0G2-000	without RX Diversity, without SOIP (Simulcast Over IP) and without vocoder
35	110	W	0	0	1	ECOS-D RBS4000K U2110WA0C14W0E100S0V0G1-000	without RX Diversity, without SOIP (Simulcast Over IP), without vocoder and without one of two RX GPS
36	110	W	0	0	0	ECOS-D RBS4000K U2110WA0C14W0E100S0V0G0-000	without RX Diversity, without SOIP (Simulcast Over IP), without vocoder and without RX GPS
37	0	W	1	2	2	ECOS-D RBS4000K U2000WA0C14W0E100S1V2G2-000	without RX Diversity and without Power Amplifier module
38	0	W	1	2	1	ECOS-D RBS4000K U2000WA0C14W0E100S1V2G1-000	without RX Diversity, without Power Amplifier module and without one of two RX GPS
39	0	W	1	2	0	ECOS-D RBS4000K U2000WA0C14W0E100S1V2G0-000	without RX Diversity, without Power Amplifier module and without RX GPS
40	0	W	1	0	2	ECOS-D RBS4000K U2000WA0C14W0E100S1V0G2-000	without RX Diversity, without Power Amplifier module and without vocoder
41	0	W	1	0	1	ECOS-D RBS4000K U2000WA0C14W0E100S1V0G1-000	without RX Diversity, without Power Amplifier module, without vocoder and without one of two RX GPS
42	0	W	1	0	0	ECOS-D RBS4000K U2000WA0C14W0E100S1V0G0-000	without RX Diversity, without Power Amplifier module, without vocoder and without RX GPS



43	0	W	0	2	2	ECOS-D RBS4000K U2000WA0C14W0E100S0V2G2-000	without RX Diversity, without Power Amplifier module and without SOIP (Simulcast Over IP)
44	0	W	0	2	1	ECOS-D RBS4000K U2000WA0C14W0E100S0V2G1-000	without RX Diversity, without Power Amplifier module, without SOIP (Simulcast Over IP) and without one of two RX GPS
45	0	W	0	2	0	ECOS-D RBS4000K U2000WA0C14W0E100S0V2G0-000	without RX Diversity, without Power Amplifier module, without SOIP (Simulcast Over IP) and without RX GPS
46	0	W	0	0	2	ECOS-D RBS4000K U2000WA0C14W0E100S0V0G2-000	without RX Diversity, without Power Amplifier module, without SOIP (Simulcast Over IP) and without vocoder
47	0	W	0	0	1	ECOS-D RBS4000K U2000WA0C14W0E100S0V0G1-000	without RX Diversity, without Power Amplifier module, without SOIP (Simulcast Over IP), without vocoder and without one of two RX GPS
48	0	W	0	0	0	ECOS-D RBS4000K U2000WA0C14W0E100S0V0G0-000	without RX Diversity, without Power Amplifier module, without SOIP (Simulcast Over IP), without vocoder and without RX GPS