

Watkins-Johnson DSP receivers (25-0113)

Receiver	Company Name	Year	Control Board*	Processor	U12 EPROM	DSP	U56 EPROM	RF Board*	Panel PCB	Panel EPROM	serial no	Notes
Information from Owners												
HF-1000A					04.01.10		04.02.07					Dean Bianco
WJ-8711			797012B	MC68GC11A0FN	1.2.0	DSP56001FC27	1.4.0	797006A	482108A	1.1.21		Jack Håken
WJ-8711				MC68GC11A0FN	04.01.01	DSP56002FC33	04.02.03					Eugene Hertz, W2HX
WJ-8711-1	WJ			MC68GC11A0FN	04.01.00	DSP56002FC33	04.02.03			1.21		Trevor Barron (-1 sold as parts for tax reasons, assembled in UK)
WJ-8711A (rev E?)		1998	797214-1	MC68GC11A0FN	04.01.09	DSP56002FC40	04.02.07	797006-1			61xx	Eric Cottrel, WB1HBU
WJ-8711A		2010			06.00.04	DSP56002FC66	04.02.07					Dean Bianco
WJ-8711A-4					04.01.10		04.02.07			03.30.00	46	Gus Schabas AG4US
WJ-8712-1	WJ		797012C	MC68HC11A0FN		DSP56001FE33		797006A	n/a	n/a	91	Jack Håken, WJ-UK assembled, currently running U56 firmware 04.02.07 (-1 sold as parts for tax reasons, assembled in UK)
WJ-8723-3	Signia-IDT	2002	797443-1	MC68HC11E0CF2	04.02.08	DSP56002FC40	04.02.08	905213-1	n/a	n/a	1811	Terry O', WB9GVB
WJ-8723-3			797443-1	MC68HC11E0CF2	04.02.08	DSP56002FC40	04.02.08	905213-1	n/a	n/a		Trevor Barron
Information from Documents												
Receiver	Company Name	Year	Control Board*	Processor	U12 EPROM	DSP	U56 EPROM	RF Board*	Panel PCB	Panel EPROM	serial no	Notes
HF-1000A		1996										
HF-1000A		1996	797214-1	MC68GC11A0FN		DSP56002FC40						RS-232
HF-1000A		1996	797214-2	MC68GC11A0FN		DSP56002FC40						J3 on 797214-2 omitted (no RS-232 connector)
HF-1000A		1996	797214-3	MC68GC11A0FN		DSP56002FC40						J2 on 797214-3 omitted
HF-1000A		1996						797006-1				8kHz roofing filter, 0.6 ppm TCXO
HF-1000A		1996						797006-2				8kHz roofing filter, 0.2 ppm TCXO
HF-1000A		1996						797006-3				conformal coated version of 797006-1

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HF-1000A		1996						797006-4				conformal coated version of 797006-2
HF-1000A		1996						797006-5				roofing filter 92699
HF-1000A		1996						797006-6				roofing filter 92727, 0.1 ppm TCXO
HF-1000A		1996						797006-7				roofing filter 92727, 0.6 ppm TCXO,
HF-1000A		1996							482108-1			
WJ-8710A (rev L)		1994		MC68GC11A0FN		DSP56002FC40			n/a	n/a		
WJ-8710A			797214-1						n/a	n/a		RS-232
WJ-8710A			797214-2						n/a	n/a		J3 on 797214-2 omitted (no RS-232 connector)
WJ-8710A			797214-3						n/a	n/a		J2 on 797214-3 omitted
WJ-8710A			797214-4						n/a	n/a		conformal coated version of 797214-1
WJ-8710A								797006-1	n/a	n/a		8kHz roofing filter, 0.6 ppm TCXO
WJ-8710A								797006-2	n/a	n/a		8kHz roofing filter, 0.2 ppm TCXO
WJ-8710A								797006-3	n/a	n/a		conformal coated version of 797006-1
WJ-8710A								797006-4	n/a	n/a		conformal coated version of 797006-2
WJ-8710A								797006-5	n/a	n/a		roofing filter 92699
WJ-8710A								797006-6	n/a	n/a		roofing filter 92727, 0.1 ppm TCXO
WJ-8710A								797006-7	n/a	n/a		roofing filter 92727, 0.6 ppm TCXO,
WJ-8711A (rev Q)				MC68GC11A0FN		DSP56002FC40						
WJ-8711A			797214-1	MC68GC11A0FN		DSP56002FC40						RS-232
WJ-8711A			797214-2	MC68GC11A0FN		DSP56002FC40						J3 on 797214-2 omitted (no RS-232 connector)
WJ-8711A			797214-3	MC68GC11A0FN		DSP56002FC40						J2 on 797214-3 omitted
WJ-8711A			797214-4	MC68GC11A0FN		DSP56002FC40						conformal coated version of 797214-1
WJ-8711A			797214-5	MC68GC11A0FN		DSP56002FC40						conformal coated version of 797214-1
WJ-8711A			797214-6	MC68GC11A0FN		DSP56002FC40						same as 797214-1, except no shield over TB1
WJ-8711A			797214-7	MC68GC11A0FN		DSP56002FC40						same as 797214-3, except no shield over TB2
WJ-8711A (rev Z)				MC68HC11E0CF2		DSP56002FC66						
WJ-8711A			904978-1	MC68HC11E0CF2		DSP56002FC66						RS-232/CSMA
WJ-8711A			904978-2	MC68HC11E0CF2		DSP56002FC66						IEEE-488
WJ-8711A			904978-3	MC68HC11E0CF2		DSP56002FC66						RS-232/RS-485

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WJ-8711A			904978-4	MC68HC11E0CF2		DSP56002FC66						conformal coated version of 904978-1
WJ-8711A			904978-5	MC68HC11E0CF2		DSP56002FC66						customer specific alterations
WJ-8711A			904978-6	MC68HC11E0CF2		DSP56002FC66						same as 904978-1, except no shield over TB1
WJ-8711A			904978-7	MC68HC11E0CF2		DSP56002FC66						same as 904978-1, except no shield over TB1
WJ-8711A			904978-8	MC68HC11E0CF2		DSP56002FC66						same as 904978-1, except no shield or TB1 and conformal coated
WJ-8711A								797006-1				8kHz roofing filter, 0.6 ppm TCXO
WJ-8711A								797006-2				8kHz roofing filter, 0.2 ppm TCXO
WJ-8711A								797006-3				conformal coated version of 797006-1
WJ-8711A								797006-4				conformal coated version of 797006-2
WJ-8711A								797006-5				roofing filter 92699, TXCO 92698
WJ-8711A								797006-6				roofing filter 92727, 0.1 ppm TCXO
WJ-8711A								797006-7				roofing filter 92727, 0.6 ppm TCXO
WJ-8711A									482108-1			
WJ-8712		1993	797012-1	MC68HC11A0FN		XSP56001FE27		797006-1	n/a	n/a		8kHz roofing filter, 0.6 ppm TCXO
WJ-8712		1993	797012-1	MC68HC11A0FN		XSP56001FE27		797006-2	n/a	n/a		8kHz roofing filter, 0.2 ppm TCXO
WJ-8712P		1994	797012-1	MC68HC11A0FN		XSP56001FE27						
WJ-8712P		1994	797012-2	MC68HC11A0FN		XSP56001FE27						conformal coated version of 797012-1
WJ-8712P		1994	797012-3	MC68HC11A0FN		DSP56001FE33						
WJ-8712P		1994	797012-4	MC68HC11A0FN		DSP56001FE33						conformal coated version of 797012-2
WJ-8712P		1994	797012-5	MC68HC11A0FN		DSP56001FE33						
WJ-8712P		1994	797012-6	MC68HC11A0FN		DSP56001FE33						
WJ-8712P		1994	797012-7	MC68HC11A0FN		DSP56001FE33						
WJ-8712P		1994	797012-8	MC68HC11A0FN		DSP56001FE33						
WJ-8712P		1994						797006-1				8kHz roofing filter, 0.6 ppm TCXO
WJ-8712P		1994						797006-2				8kHz roofing filter, 0.2 ppm TCXO
WJ-8712P		1994						797006-3				conformal coated version of 797006-1
WJ-8712P		1994						797006-4				conformal coated version of 797006-2
WJ-8712P		1994						797006-5				roofing filter 92699, TXCO 92698
WJ-8712P		1994							482554-1			

Courtesy of <http://BlackRadios.terryo.org>

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WJ-8712P		1994							482554-2			
WJ-8712P				MC68HC11A0FN		DSP56002FC40						
WJ-8721		1999	797079-1	VXI daughterboard		DSP56001FE33			n/a	n/a		8K SRAM
WJ-8721		1999	797079-2	VXI daughterboard		DSP56001FE33			n/a	n/a		32K SRAM
WJ-8721		1999						482307-1	n/a	n/a		30 kHz filter at 455 kHz
WJ-8721		1999						482307-2	n/a	n/a		20 kHz filter at 455 kHz (muRata CFS455B)

*Note: Circuit boards are numbered 14632ASSYxxxxxx sometimes followed by -y number. 14632 is the Watkins-Johnson CAGE code for government contracts**. The board numbers are typically tinned copper 'traces' etched onto the board in manufacturing. The -y number is often rubber stamped on the boards and is often near the board number but not always.

** If you have access to government surplus venues, the CAGE code of 14632 alerts you that the item is a genuine WJ part or piece of equipment.