

**Watkin-Johnson, Communication Electronics circuit board index (25-0114)**

<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
7383	Video/DAFC-AFC Amplifier	WJ-8730	
7457	Audio. COR, Squelch Amplifier	WJ-8730A	
7459	Audio Amplifier	WJ-8718-19/FE	
7875	Pulse/Average AGC Amplifier	565, WJ-8730	
15799-3	Sweep Oscillator Assembly	WJ-WJ-8610 series Signal Monitor	
15801	Output Amplifier	WJ-WJ-8610 series Signal Monitor	
18106	Input Amplifier	WJ-8610 series Signal Monitor	
18107	8 KHZ IF Amplifier	WJ-8610 series Signal Monitor	
34748	1st Mixer IF	AN/URR-74	
34750	1st LO Voltage Controlled Oscillator	WJ-8718	
71401-2	90-300 MHz RF Tuner	WJ-9062, WJ-8730	
71430	10.7 MHz/455 KHz Converter	AN/URR-74	
71430-1	10.7 MHz/455 KHz Converter	WJ-8718	
72339-1	10 kHz BW IF Amplifier	560, WJ-8730	
72339-2	4 kHz BW IF Amplifier	560, WJ-8730	
72344-1	50 kHz BW IF Amplifier	560, WJ-8730	
72344-2	50 kHz LP IF Amplifier	560, WJ-8730	
72372	IF Output Amplifier	565, 737, WJ-8730,	
72389-1	20 KHz BW IF Amplifier	560, WJ-8730	
72389-2	20 KHz LP IF Amplifier	560, WJ-8730	
72431	100 kHz BW IF Amplifier	WJ-8730	
72488	455 KHz Amplifier / AM Detector	AN/URR-74	
72488-1	455 KHZ Amplifier/AM Detector	WJ-8718	
76236-1	Dual Power Supply +/- 5VDC, 0.5A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-2	Dual Power Supply +/- 5VDC, 0.75A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-3	Dual Power Supply +/- 12VDC, 0.5A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-4	Dual Power Supply +/- 12VDC, 0.75A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-5	Dual Power Supply +/- 15VDC, 0.5A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-6	Dual Power Supply +/- 15VDC, 0.75A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-7	Dual Power Supply +/- 18VDC, 0.5A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-8	Dual Power Supply +/- 18VDC, 0.75A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-9	Dual Power Supply +/- 5VDC, +/- 18VDC, 0.75A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-10	Dual Power Supply +/- 24VDC, 0.5A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-11	Dual Power Supply +/- 18VDC, +/- 24VDC, 0.2A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-12	Dual Power Supply +/- 12VDC, +/-24VDC, 0.5A	WJ-8730, WJ-8940, WJ-9085/TSU	
76236-13	Dual Power Supply +/- 5VDC, +/- 24VDC, 0.5A	WJ-8730, WJ-8940, WJ-9085/TSU	
79950	FM Limiter/Discriminator 100 kHz BW	565, WJ-8730	
92291	50 KHz IF Bandwidth Filter	WJ-8615D	
92292	100 KHz IF Bandwidth Filter	WJ-8615D	
92293	10 KHz IF Bandwidth Filter	WJ-8615D	
92294	20 KHz IF Bandwidth Filter	WJ-8615D	

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<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
92299	6.4 KHz IF Bandwidth Filter	WJ-8615D	
92300	15 KHz IF Bandwidth Filter	WJ-8615D	
92301	30 KHz IF Bandwidth Filter	WJ-8615D	
92302	40 KHz IF Bandwidth Filter	WJ-8615D	
92303	75 KHz IF Bandwidth Filter	WJ-8615D	
92304	150 KHz IF Bandwidth Filter	WJ-8615D	
92305	6 MHz IF Bandwidth Filter	WJ-8615D	
92317	250 KHz IF Bandwidth Filter	WJ-8615D	
92340	25 KHz IF Bandwidth Filter	WJ-8615D	
92373	8 MHz IF Bandwidth Filter	WJ-8615D	
92445	700 KHz IF Bandwidth Filter	WJ-8615D	
92446	1.4 MHz IF Bandwidth Filter	WJ-8615D	
92466	8 MHz IF Bandwidth Filter	WJ-8615D	
92467	6 MHz IF Bandwidth Filter	WJ-8615D	
92468	4 MHz IF Bandwidth Filter	WJ-8615D	
92469	2 MHz IF Bandwidth Filter	WJ-8615D	
92470	1 MHz IF Bandwidth Filter	WJ-8615D	
92472	300 KHz IF Bandwidth Filter	WJ-8615D	
92474	10 KHz IF Bandwidth Filter	WJ-8615D	
92485	10 MHz IF Bandwidth Filter	WJ-8615D	
92491	3.2 MHz IF Bandwidth Filter	WJ-8615D	
270082	LO Amplifier Board	WJ-8610 series	
270082-1	LO Amplifier Board	WJ-8618B	
270082-2	LO Amplifier Board	WJ-8617B-S1	
270347	VCO / Buffer	WJ-8610 series	
270348	4.6 - 5.6 MHz Amplifier	WJ-8610 series	
270450-1	RF Switch	WJ-8618B	
270451-1	Switch Driver	WJ-8618B	
270465-1	Wideband IF Output Amplifier	WJ-8610 series	
27052	Reference Marker Assembly	WJ-8610 series Signal Monitor	
270907	2nd LO Converter	WJ-8718-19/FE	
270901	1st Converter	WJ-8718-19/FE	
270935	RF Input Switch P.W. Assembly		
279450-1	RF Switch	WJ-8618B	
280080	Filter Board	AN/URR-74	
280093	30 MHz Low Pass Input Filter	WJ-8718	
280397-1	Buffer Assembly	WJ-8615D	
280398-1	Mixer Assembly	WJ-8615D	
280458-1	1st Mixer/ LO Amplifier Assy	WJ-8615D	
280459-1	2nd Mixer/ LO Amplifier Assy	WJ-8615D	
280460-1	21.4 MHz IF Amplifier Assy	WJ-8615D	

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<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
280515-1	Wideband Output 21.4 MHz Amp. Assy.	WJ-8615D	
280899-3	RF Switch Assy	WJ-8615D	
280915	Sweep Oscillator Assembly	WJ-8610 series Signal Monitor	
280951-1	Antenna Amplifier Assembly	WJ-8617B	
281516-1	(to 28) Bandwidth/Video Response Assy	WJ-8615D	
290325-1	535 MHz Generator	WJ-8618B	
290403-1	Keyboard Encoder	WJ-861X	
290433-1	Buffer	WJ-8618B	
290434-1	Prescaler	WJ-8618B	
290443-1	Diode Control	WJ-8618B	
290450-1	Phase Detector	WJ-8618B	
290454-1	352 - 432 MHz VCO and Divide By 80 Assembly	WJ-8618B	
290455-1	Prescaler Assembly	WJ-8618B	
290536-1	4.4-5.4 MHz Amplifier	WJ-8618B	
290557-1	VCO/ Buffer	WJ-8618B	
290557-2	VCO/ Buffer	WJ-8617B-S1	
370280	Prescaler / LO Buffer/ Amplifier	WJ-8610 series	
370281	Oscillator! Mixer	WJ-8610 series	
370282	3rd Synthesizer	WJ-8610 series	
370285	500 M1-lz LP Filter	WJ-8610 series	
370324	3rd Synthesizer RF	WJ-8610 series	
370396	2nd Converter	WJ-861X series	early WJ-8618B
370396-1	LO Amplifier Assembly	WJ-8618B	
370396-2	LO Amplifier Assembly	WJ-8617B-S1	
370405	LO Buffer	Amplifier Assembly	
370611-1	1st mixer 1st IF	WJ-8718	
370646-1	2nd Mixer / 2nd IF	WJ-8718	
370689	1st LO Synthesizer	WJ-8718-19/FE	
370690	Voltage Controlled Oscillator	WJ-8718-19/FE	
380374-1	Divider and Phase Comparator	WJ-8618B	
380395-1	1st LO Synthesizer VCO Assy	WJ-8615D	
380396-1	VCO Assembly	WJ-8615D	
380411-1	Front Panel Display Driver Assy	WJ-8615D	
380474-1	1st LO Synthesizer	WJ-8615D	
38062-1	Motherboard Assy	WJ-8615D	
381473	UHF Oscillator Assembly	WJ-8615D-FE option	
381473-1	UHF Oscillator Assembly Assy	WJ-8615D	
381812-1	RF Switch	WJ-8615D	
381888-1	Motherboard	WJ-8615D	
390343-1	Oscillator	BFO	
390360-1	1st LO Synthesizer VCO	WJ-8618B	

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<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
390361-1	1st LO Synthesizer VCO	WJ-8618B	
390421	UHF Variable Divider	WJ-WJ-8615D FE option	
390421-1	UHF Variable Divider	WJ-8615D	
482108A	Front panel control	HF-1000A	
482108-1	Front panel control	HF-1000A, WJ-8711A	
482554-1	Front panel control	WJ-8712P	
482554-2	Front panel control	WJ-8712P	
482307-1	RF board	WJ-8721	
482307-2	RF board	WJ-8721	
714006-1	2nd Converter	WJ-861X series	
716003-3	2nd Converter	WJ-8617B-S1	
724005	IF Amplifier	WJ-8610 series Signal Monitor	
724006-1	10 KHz IF Amplifier	WJ-8610 series	
724006-2	20 KHz IF Amplifier	WJ-8610 series	
724006-3	50 KHz IF Amplifier	WJ-8610 series	
724006-4	100 KHz Amplifier	WJ-8610 series	
724006-5	250 KHz IF Amplifier	WJ-8610 series	
724006-6	300 KHz IF Amplifier	WJ-8610 series	
724006-7	6 KHz IF Amplifier	WJ-8610 series	
724006-8	40 KHz IF Amplifier	WJ-8610 series	
724006-9	75 KHz IF Amplifier	WJ-8610 series	
724006-10	30 KHz IF Amplifier	WJ-8610 series	
724006-16	3.2 KHz IF Amplifier	WJ-8610 series	
724006-17	25 KHz IF Amplifier	WJ-8610 series	
724006-18	6.4 KHz IF Amplifier	WJ-8610 series	
724006-20	400 KHz IF Amplifier	WJ-8610 series	
724006-21	15 KHz IF Amplifier	WJ-8610 series	
724006-22	1.5 KHz IF Amplifier	WJ-8610 series	
724006-23	4.0 KI- IF Amplifier	WJ-8610 series	
724006-24	60 KHz IF Amplifier	WJ-8610 series	
724006-25	150 KI-lz IF Amplifier	WJ-8610 series	
724007-1	1 MHz IF Amplifier	WJ-8610 series	
724007-2	2 MHz IF Amplifier	WJ-8610 series	
724008-1	4 MHz IF Amplifier	WJ-8610 series	
724009-1	IF Output / AM Demodulator	WJ-8610 series	
724009-2	AM Demodulator / IF Output Amplifier	WJ-8610 series	
724012	500 KHz IF Amplifier	WJ-8610 series	
724013-1	Wideband IF Output Amplifier	WJ-8610 series	
724015-1	IF Amplifier and Switching Module	WJ-8610 series	
724016-1	AM Demodulator / IF Output Amplifier	WJ-8618B	
724017-1	Log Video Detector	WJ-8610 series	

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<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
724019-1	500 KHz IF Amplifier	WJ-8618B	
726002	455 KHz Amplifier/AM Detector	WJ-8718-19/FE	
726004-1	AM Demodulator / IF Output Amplifier		
726006-1	IF BW Filter Amplifier	WJ-8615D	
726009-1	3.2 /10 KHz IF Amplifier	WJ-8610 series	
726009-2	20 / 50 KHz IF Amplifier	WJ-8610 series	
726009-3	100 / 200 KHz IF Amplifier	WJ-8610 series	
726009-4	100 / 300 KHz IF Amplifier	WJ-8610 series	
726009-5	6.4 / 10 KHz IF Amplifier	WJ-8610 series	
726009-6	15 / 20 KHz IF Amplifier	WJ-8610 series	
726009-7	30 / 40 KHz IF Amplifier	WJ-8610 series	
726009-8	30 / 50 KHz IF Amplifier	WJ-8610 series	
726009-9	75 / 100 KHz IF Amplifier	WJ-8610 series	
726009-10	150 / 200 KHz IF Amplifier	WJ-8610 series	
726009-11	10 / 11 KHz IF Amplifier	WJ-8610 series	
726009-12	75 / 100 KHz IF Amplifier	WJ-8610 series	
726009-13	250 / 500 KHz IF Amplifier	WJ-8610 series	
726009-14	10 / 25 KHz IF Amplifier	WJ-8610 series	
726009-15	20 / 30 KHz IF Amplifier	WJ-8610 series	
726009-16	50 / 75 KHz IF Amplifier	WJ-8610 series	
726009-17	3.2 / 6.4 KHz IF Amplifier	WJ-8610 series	
726009-18	150 / 300 KHz IF Amplifier	WJ-8610 series	
726009-19	300 / 500 KHz IF Amplifier	WJ-8610 series	
726009-20	200 / 300 KHz IF Amplifier	WJ-8610 series	
726009-21	10 / 30 KHz IF Amplifier	WJ-8610 series	
726009-25	200 / 400 KHz IF Amplifier	WJ-8610 series	
726010-1	400 / 600 KHz IF Amplifier	WJ-8610 series	
726010-2	500 / 1000 KHz Amplifier	WJ-8610 series	
726010-3	1000 / 2000 KHz IF Amplifier	WJ-8610 series	
726010-4	2000 / 4000 KHz IF Amplifier	WJ-8610 series	
726010-5	4000 / 6000 KHz IF Amplifier	WJ-8610 series	
726010-6	4000 / 8000 KHz IF Amplifier	WJ-8610 series	
726010-7	300 / 1000 KHz IF Amplifier	WJ-8610 series	
726010-8	4000 /10000 KHz IF Amplifier	WJ-8610 series	
726010-9	8000 / 10000 KHz IF Amplifier	WJ-8610 series	
726010-13	800 / 1200 KHz IF Amplifier	WJ-8610 series	
726010-14	1600 / 3200 KHz IF Amplifier	WJ-8610 series	
726013-1	500 KHz IF Amplifier	WJ-8610 series	
726013-2	1000 KHz IF Amplifier	WJ-8610 series	
726013-3	2000 KHz IF Amplifier	WJ-8610 series	
726013-4	4000 KHz IF Amplifier	WJ-8610 series	

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<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
746001	Audio Amplifier	AN/URR-74	
746001-1	Audio Amplifier	WJ-8718	
749107-5	40 KHz 21.4 FM Demodulator	WJ-8610 series	
764006	DC / DC Converter	WJ-8610 series Signal Monitor	
774003-1	1st LO Synthesizer	WJ-8610 series	
774004-1	2 LO Synthesizer	WJ-8610 series	
774005-1	3 LO Synthesizer	WJ-8610 series	
774007	Oscillator Assembly	WJ-8610 series Signal Monitor	
776002-1	4.5 - 5.4 MHz Synthesizer	WJ-8618B	
776003-1	1st LO Synthesizer	WJ-8615D	
776004-1	2nd LO Synthesizer	WJ-8615D	
776012-1	Fast Switching 2nd LO Synthesizer	WJ-8615D	
778001-1	1st LO Synthesizer	WJ-8618B	
778001-2	1st LO Synthesizer	WJ-8617B-S1	
778002-1	Translation Oscillator	WJ-8618B	
778002-2	Translation Oscillator	WJ-8617B-1	
778003-1	4.5 - 5.4 MHz Synthesizer	WJ-861X series	early WJ-8618B
784001-1	AGC Amplifier	WJ-861X series	early WJ-8618B
784002-1	AGC Amplifier	WJ-8618B	
791202-4	Encoder Assembly	WJ-8718 / MFP option	
791239	FM Limiter/Discriminator 500 kHz BW	WJ-8730	
791331	FM Limiter/Discriminator 100 kHz BW	WJ-8730	
791338	FM Limiter/Discriminator 200 kHz BW	WJ-8730	
791366	FM Limiter/Discriminator 300 kHz BW	WJ-8730	
791575-1	Manual Tuning / Up - Down Converter	AN/URR-74	
791575-3	Manual Tuning / Up - Down Counter	WJ-8718	
791576	BFO Synthesizer	AN/URR-74	
791576-1	BFO Synthesizer	WJ-8718	
791578	Frequency Display	WJ-8718	
791578-1	Frequency Display	WJ-8718	
791589-1	Tuning Resolution	AN/URR-74	
791592	Input Converter	AN/URR-74	
791592-1	Input Converter	WJ-8718	
791594	10.7 MHz Filter Switch	AN/URR-74	
791594-1	10 MHz Filter Switch	WJ-8718	
791595	455 KHz Filter Switch	AN/URR-74	
791595-1	455 KHz Filter Switch	WJ-8718	
791596	USB Filter Switch	AN/URR-74	
791596-1	USB Filter Switch	WJ-8718	
791597	ISB / LSB Filter Switch	AN/URR-74	
791597-1	ISB / LSB Filter Switch	WJ-8718	

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<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
791598	ISB Detector / Audio	AN/URR-74	
791598-1	ISB Detector/Audio	WJ-8718	
791599	FM	CW and SSB Detector	
791599-1	FM	CW and SSB Detector	
791600	1st and 3rd LO / Timebase	AN/URR-74	
791600-1	1st and 3rd LO Synthesizer	WJ-8718	
791601	2nd LO Synthesizer	WJ-8718	
791616-1	RF Filter	WJ-8718-19/FE	
791616-2	RF Filter	AN/URR-74	
791629	1st LO VCO assembly	AN/URR-74	
791630	1st and 3rd LO Synthesizer / Timebase	AN/URR-74	
791630-1	1st and 3rd LO Synthesizer / Timebase	WJ-8718	
791767	Microprocessor	WJ-8880	
791827	BFO Switch	AN/URR-74	
791828	Front Panel Interconnect	AN/URR-74	
791828-1	Front Panel Interconnect	WJ-8718	
791874-1	Manual Tuning Module	AN/URR-74	
794006	DC / DC Converter	WJ-8610 series Signal Monitor	
794009-1	IF Output / AM Demodulator	WJ-8610 series	
794094-1	High Band Preselector	WJ-8610 series	
794095-1	Low Band Preselector	WJ-8610 series	
794095-2	2 - 500 MHz Frequency Extension	WJ-8610 series	
794095-3	Low Band Preselector	WJ-8617B-17 and B-5	
794096-1	1st Converter	WJ-861X series	early WJ-8618B
794096-2	1st Converter	WJ-8618B	
794097-1	VHF Preamplifier	WJ-8610 series	
794097-2	VHF Preamplifier	WJ-8617B-S1	
794097-3	VHF Preamplifier	WJ-8617B	
794098	Reference Generator 10V6	WJ-8610 series	
794099	Focus and Intensity Control	WJ-8610 series Signal Monitor	
794104-1	1 MHz 21.4 FM Demodulator	WJ-8610 series	
794104-2	500 KHz- 21.4 FM Demodulator	WJ-8610 series	
794105-1	2 MHz 21.4 FM Demodulator	WJ-8610 series	
794105-2	4 MHz 21.4 FM Demodulator	WJ-8610 series	
794105-4	8000 KHz 21.4 FM Demodulator	WJ-8610 series	
794106-1	10 KHz 21.4 FM Demodulator	WJ-8610 series	
794106-2	20 KHz 21.4 FM Demodulator	WJ-8610 series	
794106-3	6.4 KHz 21.4 FM Demodulator	WJ-8610 series	
794106-5	30 KHz 21.4 FM Demodulator	WJ-8610 series	
794106-6	3.2 KHz 21.4 FM Demodulator	WJ-8610 series	
794106-7	25 KHz 21.4 FM Demodulator	WJ-8610 series	

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<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
794106-8	15 KHz 21.4 FM Demodulator	WJ-8610 series	
794106-9	50 KHz 21.4 FM Demodulator	WJ-8610 series	
794106-10	1.5 KHz 21.4 FM Demodulator	WJ-8610 series	
794106-11	4.0 KHz 21.4 FM Demodulator	WJ-8610 series	
794107-1	50 KHz 21.4 FM Demodulator	WJ-8610 series	
794107-2	100 KHz 21.4 FM Demodulator	WJ-8610 series	
794107-3	250 KHz 21.4 FM Demodulator	WJ-8610 series	
794107-4	300 KHz 21.4 FM Demodulator	WJ-8610 series	
794107-6	75 KHz 21.4 FM Demodulator	WJ-8610 series	
794107-13	60 KHz 21.4 FM Demodulator	WJ-8610 series	
794107-14	300 KHz 21.4 FM Demodulator	WJ-8610 series	
794108-1	Receiver Interface	WJ-8610 series	
794107-13	60 KHz 21.4 FM Demodulator	WJ-8610 series	
794107-14	300 KHz 21.4 FM Demodulator	WJ-8610 series	
794108-1	Receiver Interface	WJ-861X series	
794108-3	Receiver Interface	WJ-861X series	early WJ-8618B
794108-5	Receiver Interface	WJ-8618B	
794108-6	Receiver Interface	WJ-8617B-17	
794109-1	Microprocessor	WJ-861X series	early WJ-8618B
794109-2	Microprocessor	WJ-8618B	
794110-1	Synthesizer Interface	WJ-861X series	early WJ-8618B
794111-1	UHF Preselector	WJ-8610 series	
794112-1	Video / Audio / COR	WJ-8610 series	
794114-1	UHF Preamplifier / Mixer / LO	WJ-8610 series	
794115	RS-232 Async Interface	WJ-8610 series	
794116	IEEE - 488	WJ-8610 series	
794122	Digital Refreshed Display	WJ-8610 series	
794128	Antenna Switch	WJ-8610 series	
794128-1	Antenna Switch	WJ-8618B	
794136-1	Extended Memory ROM	WJ-8610 series	
794137-1	Extended Memory RAM	WJ-8610 series	
794139-1	Reference Generator 10V7	WJ-8610 series	
794149	Variable BFO	WJ-8610 series	
794150-1	Audio Scan Output	WJ-8610 series	
794151	Built In Test	WJ-8610 series	
794165	Antenna Input Filter Assembly	WJ-8610 series	
794179-1	BFO Assembly	WJ-8610 series	
794188	SSB Demodulator	WJ-861X option	
794190-1	Front Panel Display and Control	WJ-8618B	
794190-2	Front Panel Display and Control	WJ-8617B	
794195-1	SSB BFO	WJ-8618B	



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<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
794241	FSK Option	WJ-8718	
794254	10 MHz / 455 KHz Converter	WJ-8718-19/FE	
794255	Synchronous Serial I / O	WJ-8718-19/FE	
794270	2 Local Oscillator	WJ-8718-19/FE	
794274	Preselector	WJ-8718-19/FE	
794275-1	Synthesizer Interface - Memory	WJ-8718 / MFP	
794275-2	Synthesizer interface - Memory	WJ-8718 / M232	
794275-3	Synthesizer Interface - Memory	WJ-8718 / M488-2	
794275-4	Synthesizer Interface - Memory	WJ-8718A / NAV / MFP	
794276	RF Input Switch	WJ-8718-19/FE	
794278	Frequency Extender	WJ-8718-19/FE	
794300	Serial I/O Buffer	WJ-8718-19/FE	
794308-1	IF Interface Board	8709 / 488-2	
794315	VHF Preselector / 1st LO Assembly	WJ-8718-19/FE	
794316	Input Converter / 2nd LO Assembly	WJ-8718-19/FE	
794327	1 MHz Filter	WJ-8718-19/FE	
796013	Front Panel Switch / Encoder	WJ-8718 / MFP option	
796029-6	Synthesizer	WJ-8718 / MFP option	
796029-7	Synthesizer	WJ-8718 / MFP option	
796029-8	Synthesizer	WJ-8718 / MFP option	
796032-2	IF interface	WJ-8718 / MFP option	
796037	Asynchronous I / O Board RS-232	WJ-8718	
796042			
796053	Front Panel Control	WJ-8718	
796056	Front Panel Encode	WJ-8718 / MFP option	
796057	Front Panel Switch Board	WJ-8718 / MFP option	
796075	I / O Interface 488	WJ-8718	
796094-1	Switchable Atten. 30 dB 16 Ohm		
796094-2	Switchable Allen. 20 dB 600 Ohm		
796098-1	Power Input Filter	AN/URR-74	
796175	AGC Amplifier	WJ-8718 / MFP option	
796185-1	Extended Memory	WJ-861X option	
796185-2	LOC/CIJR/RTC	WJ-861X option	
796185-3	Special Segment Scan	WJ-861X option	
796185-4	LOC	WJ-861X option	
796185-5	Cursor	WJ-861X option	
796185-6	RTC used with processor 796353	WJ-861X option S-1	
796185-7	LOC / RTC	WJ-861X option	
976185-8	EM / RTC	WJ-861X option	
976185-9	EM / CUR	WJ-861X option	
796185-10	CUR / RTC	WJ-861X option	

**Watkin-Johnson, Communication Electronics circuit board index (25-0114)**

<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
796185-11	RTC used with processor 794109	WJ-861X option	
796185-12	LOC / CUR	WJ-861X option	
796217-1	Digital Refreshed Display	WJ-861X option	
796233-1	Audio / Video / COR	WJ-8618B	
796233-2	Digital audio control	WJ-8618B	
796233-3	Digital audio control	WJ-8618B	
796242-1	Microprocessor	WJ-8615D	
796243-1	IEEE / Interrupt	WJ-8615D	
796244-1	Analog/Digital	WJ-8615D	
796245-1	Synthesizer Interface	WJ-8615D	
796245-2	Synthesizer	WJ-8615D	
796246-1	Motherboard Assembly	WJ-8615D	
796247-1	Reference Generator	WJ-8615D	
796248-1	Audio / Video Assembly	WJ-8615D	
796249-1	AM / FM Demodulator	WJ-8615D	
796250-1	ISB / CW Demodulator	WJ-8615D	
796250-2	CW Demodulator/Switched IF	WJ-8615D	
796251-1	Preamplifier / Converter Assembly	WJ-8615D	
796251-4	Preamplifier / Converter Assembly	WJ-8615D	
796260-1	Front Panel Display	WJ-8615D	
796261-1	RS-232 Interface	WJ-861X option	
796291-1	RF Input Filter	WJ-8615D	
796291-2	RF Input Filter Assy	WJ-8615D	
796304-1	ISB Demodulator	WJ-861X option	
796318-1	Wideband Output 21.4 MHz Amplifier	WJ-8615D	
796321-1	Synthesizer Interface	WJ-8618B	
796324-1	Tracking Preselector	WJ-8615D	
796337-1	8000 KHz IF Amplifier	WJ-8610 series	
796338-1	Line Filter	WJ-8615D	
796353	Microprocessor	WJ-8617B-17	
796353-1	Microprocessor	WJ-8617B-S1	
796354-1	3.2 / 10 KHz FM Demodulator	WJ-8610 series	
796354-2	20 / 50 KHz FM Demodulator	WJ-8610 series	
796354-3	6.4 / 10 KHz FM Demodulator	WJ-8610 series	
796354-4	15 / 20 KHz FM Demodulator	WJ-8610 series	
796354-5	30 / 50 KHz FM Demodulator	WJ-8610 series	
796354-6	30 / 40 KHz FM Demodulator	WJ-8610 series	
796354-7	10 / 20 KHz FM Demodulator	WJ-8610 series	
796354-8	10 / 25 KHz FM Demodulator	WJ-8610 series	
796354-9	20 / 30 KHz FM Demodulator	WJ-8610 series	
796354-10	3.2 / 6.4 KHz FM Demodulator	WJ-8610 series	

**Watkin-Johnson, Communication Electronics circuit board index (25-0114)**

<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
796355-1	100 / 200 KHz 21.4 FM Demodulator	WJ-8610 series	
796355-2	100 / 300 KHz 21.4 FM Demodulator	WJ-8610 series	
796355-3	75 / 100 KHz 21.4 FM Demodulator	WJ-8610 series	
796355-4	150 / 200 KHz 21.4 FM Demodulator	WJ-8610 series	
796355-5	50 / 100 KHz 21.4 FM Demodulator	WJ-8610 series	
796355-6	50 / 75 KHz 21.4 FM Demodulator	WJ-8610 series	
796355-7	150 / 300 KHz 21.4 FM Demodulator.	WJ-8610 series	
796355-8	200 / 300 KHz 21.4 FM Demodulator	WJ-8610 series	
796356-1	400 / 600 KHz 21.4 FM Demodulator	WJ-8610 series	
796356-2	500 / 1000 KHz 21.4 FM Demodulator	WJ-8610 series	
796356-3	250 / 500 KHz 21.4 FM Demodulator	WJ-8610 series	
796356-4	300 / 1000 KHz FM Demodulator	WJ-8610 series	
796356-5	300 / 500 KHz FM Demodulator	WJ-8610 series	
796356-7	800 / 1200 KHz FM Demodulator	WJ-8610 series	
796357-1	1000 / 2000 KHz FM Demodulator	WJ-8610 series	
796357-2	2000 / 4000 KHz FM Demodulator	WJ-8610 series	
796357-3	4000 / 6000 KHz FM Demodulator	WJ-8610 series	
796357-4	4000 / 8000 KHz FM Demodulator	WJ-8610 series	
796357-5	4000 / 10000 KHz FM Demodulator	WJ-8610 series	
796357-6	8000 / 10000 KHz FM Demodulator	WJ-8610 series	
796357-7	1600 / 3200 KHz FM Demodulator	WJ-8610 series	
796403-2	LO Control	WJ-8617B-S1	
796414-1	UHF Preselector	Frequency extender option	
796414-3	UHF Preselector	Frequency extender option	
796414-4	UHF Preselector	WJ-8615D	
796414-5	UHF Preselector	WJ-8615D	
796415-1	UHF Preamplifier	Frequency extender option	
796415-3	UHF Preamplifier	Frequency extender option	
796456-3	Frequency Extender	WJ-8615D	
796456-4	FE Option	WJ-8615D	
796460-1	Antenna Amplifier	WJ-8617B-17	
796464-1	Selected Audio Output Assy	WJ-8615D	
796493-1	Converter	WJ-8617B-S1	
796719	UHF Variable Divider	WJ-861X option	
796719-1	UHF Oscillator	WJ-8615D	
796768-1	500-1600 MHz UHF Preamp / Mixer	WJ-8615D	
796769-1	UHF Preselector	WJ-8615D	
796781-1	Frequency Extender Assy	WJ-8615D	
797006A	RF board	WJ-8711	
797006-1	RF board	HF-1000A, WJ-8710A (rev L), WJ-8711A, WJ-8711A (Rev E, Q, Z), WJ-8712, WJ-8712P	8kHz roofing filter, 0.6 ppm TCXO
797006-2	RF board	HF-1000A, WJ-8710A (rev L), WJ-8711A (Rev Q, Z), WJ-8712, WJ-8712P	8kHz roofing filter, 0.2 ppm TCXO

**Watkin-Johnson, Communication Electronics circuit board index (25-0114)**

WJ part no	Description	Parent unit	Comments
797006-3	RF board	HF-1000A, WJ-8710A, WJ-8711A (Rev Q, Z), WJ-8712P	conformal coated version of 797006-1
797006-4	RF board	HF-1000A, WJ-8710A, WJ-8711A (Rev Q, Z), WJ-8712P	conformal coated version of 797006-2
797006-5	RF board	HF-1000A, WJ-8710A, WJ-8711A (Rev Q, Z), WJ-8712P	roofing filter 92699
797006-6	RF board	HF-1000A, WJ-8710A, WJ-8711A (Rev, Q, Z)	roofing filter 92727, 0.1 ppm TCXO
797006-7	RF board	HF-1000A, WJ-8710A, WJ-8711A (Rev, Q, Z)	roofing filter 92727, 0.6 ppm TCXO,
797012B	Controller board	WJ-8711	
797012C	Controller board	WJ-8712-1	
797012-1	Controller board	WJ-8712, WJ-8712P	
797012-2	Controller board	WJ-8712P	conformal coated version of 797012-1
797012-3	Controller board	WJ-8712P	
797012-4	Controller board	WJ-8712P	conformal coated version of 797012-2
797012-5	Controller board	WJ-8712P	
797012-6	Controller board	WJ-8712P	
797012-7	Controller board	WJ-8712P	required for IEEE-488 operation
797012-8	Controller board	WJ-8712P	
797033-1	Preselector	HF-1000A, WJ-8712P	
797079-1	VXI daughterboard	WJ-8721	
797079-2	VXI daughterboard	WJ-8721	
797093-1	Digital Signal Output	HF-1000A, WJ-8711A	
797201-3	Digital Expansion Assembly	HF-1000A, WJ-8711A	requires EPROM v4.01.02 and controller board 797012-3 or higher
797214-1	Controller board	HF-1000/WJ-8710A/WJ-8711A	RS-232
797214-2	Controller board	HF-1000/WJ-8710A/WJ-8711A	J3 on 797214-2 omitted (no RS-232 connector)
797214-3	Controller board	HF-1000/WJ-8710A/WJ-8711A	J2 on 797214-3 omitted
797214-4	Controller board	WJ-8710A/WJ-8711A	conformal coated version of 797214-1
797214-5	Controller board	WJ-8711A	conformal coated version of 797214-1
797214-6	Controller board	WJ-8711A	same as 797214-1, except no shield over TB1
797214-7	Controller board	WJ-8711A	same as 797214-3, except no shield over TB2
797443-1	Controller board	WJ-8723-3	
798028-2	Reference generator	WJ-8618B	
798029-1	Variable BFO	WJ-861X option	
798037-1	Digital audio / video		
798040-1	Audio / Video / COR	WJ-861X series	early WJ-8618B
798043-1	535 MHz Generator	WJ-8618B	
798044	IEEE - 488 Interface	WJ-861X option	
798069-1	Noise Riding Threshold	WJ-861X option	
798074-1	SSB Bypass	WJ-8618B	
798075-1	UHF Preamp/ Mixer	WJ-8618B	
798079	UHF LO Synthesizer	Frequency extender option	
798079-2	UHF LO Synthesizer	Frequency extender option	
824002	Control Board	WJ-8610 series Signal Monitor	

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<b>WJ part no</b>	<b>Description</b>	<b>Parent unit</b>	<b>Comments</b>
904978-1	Controller board	WJ-8711A (rev Z)	RS-232/CSMA
904978-2	Controller board	WJ-8711A (rev Z)	IEEE-488
904978-3	Controller board	WJ-8711A (rev Z)	RS-232/RS-485
904978-4	Controller board	WJ-8711A (rev Z)	conformal coated version of 904978-1
904978-5	Controller board	WJ-8711A (rev Z)	customer specific alterations
904978-6	Controller board	WJ-8711A (rev Z)	same as 904978-1, except no shield over TB1
904978-7	Controller board	WJ-8711A (rev Z)	same as 904978-1, except no shield over TB1
904978-8	Controller board	WJ-8711A (rev Z)	same as 904978-1, except no shield or TB1 and conformal coated
905213-1	RF board	WJ-8723-3	