

MAX * BILL OF MATERIALS * MULTI-LEVEL EXPLOSION BY LOW LEVEL SEQUENCE

LOW LEVEL	PART IDENTIFIER	DESCRIPTION	EXP DATE	QTY/ASSY	Q C	UOM	LT OFF	T C	SCRAP	ECN NUMBER	ALTERNATE PART
0	CM14A-3	PC INTERFACE (USA)	980116			EA					
1	CM14A-3U	PC INTERFACE (USA) NOFACK	980116			EA					
2	018020H11269	RATING LABEL (CM14A)	980116	1.0000	U	EA	0	N	0		
2	183010H10671C	ANTENNA LOCATION PAD	980116	1.0000	U	EA	0	N	0		
2	183010H16240	BATTERY DOOR (CM14A)	980116	1.0000	U	EA	0	N	0		
2	185000H15510	TOP CABINET (CM14A)	980116	1.0000	U	EA	0	N	0		
2	185000H15520	BOTTOM CABINET (CM14A)	980116	1.0000	U	EA	0	N	0		
2	363-000000026	INTERFACE CABLE US6/DIN9	980116	1.0000	U	EA	0	N	0		
2	391-60203010	SCREW-PMT M2.6X12 NS/ZP	980116	4.0000	U	EA	0	N	0	007232-AC	
2	403-02101090	MAIN PIN-POLARIZED	980116	1.0000	U	EA	0	N	0		
2	403-02101100	MAIN PIN-NON POLARIZED	980116	1.0000	U	EA	0	N	0		
2	403011H10036	SPRING CONTACT (C)	980116	1.0000	U	EA	0	N	0		
2	403011H10037	SPRING CONTACT (D)	980116	2.0000	U	EA	0	N	0		
2	403011H10115	SPRING CONTACT (+VE)	980116	1.0000	U	EA	0	N	0		
2	403011H10116	SPRING CONTACT (-VE)	980116	1.0000	U	EA	0	N	0		
2	403021P21022C	NAVY WASHER	980116	5.0000	U	EA	0	N	0		
2	403022P21008	ANTENNA ATTACHMENT HD 6MM	980116	1.0000	U	EA	0	N	0		
2	851001H10602	PCB MAIN ASSY	980116	1.0000	U	EA	0	N	0		
3	042010H10478A	PCB, MAIN	980116	1.0000	U	EA	0	N	0		
3	055-100000002	CAP-C 10P +- .5, 50V NPO	980116	2.0000	U	EA	0	N	0		
3	055-101000009	CAP-C 100P 5% 50V SL	980116	3.0000	U	EA	0	N	0		
3	055-102000008	CAP-C 1M 10% 50V Y5P	980116	5.0000	U	EA	0	N	0		
3	055-103000011	CAP-C 10N +-2 50V Y5V	980116	1.0000	U	EA	0	N	0		
3	055-104000000	CAP-C 100N +-2 25V Y5V	980116	4.0000	U	EA	0	N	0		
3	055-159000001	CAP-C 1P5 +- .25, 50V NPO	980116	1.0000	U	EA	0	N	0		
3	055-189000001	CAP-C 1P8 +- .25, 50V NPO	980116	1.0000	U	EA	0	N	0		
3	055-300000003	CAP-C 10P 5% 50V NPO	980116	1.0000	U	EA	0	N	0		
3	055-330000002	CAP-C 33P 5% 50V NPO	980116	3.0000	U	EA	0	N	0		
3	055-331000007	CAP-C 330P 5% 50V NPO	980116	1.0000	U	EA	0	N	0		
3	055-333000001	CAP-C 33P +- .25, 50V NPO	980116	1.0000	U	EA	0	N	0		
3	055-470000003	CAP-C 47P 5% 50V NPO	980116	1.0000	U	EA	0	N	0		
3	055-473000013	CAP-C 47N +-2 50V Z5U	980116	5.0000	U	EA	0	N	0		
3	055-509000001	CAP-C 5P +- .25, 50V NPO	980116	1.0000	U	EA	0	N	0		
3	055-681000008	CAP-C 680P 10% 50V Y5P	980116	1.0000	U	EA	0	N	0		
3	055-709000002	CAP-C 7P +- .5, 50V NPO	980116	1.0000	U	EA	0	N	0		
3	057-100000018	CAP-E 10U 20% 25V	980116	1.0000	U	EA	0	N	0		
3	057-100000029	CAP-E 10U 20% 16V	980116	1.0000	U	EA	0	N	0		
3	057-101000002	CAP-E 100U 20% 25V	980116	1.0000	U	EA	0	N	0		
3	057-101000017	CAP-E 100U 20% 16V	980116	1.0000	U	EA	0	N	0		
3	057-101000019	CAP-E 100U 20% 10V	980116	1.0000	U	EA	0	N	0		
3	057-101000020	CAP-E 100U 20% 35V	980116	1.0000	U	EA	0	N	0		
3	057-228000006	CAP-E 220N 20% 50V	980116	1.0000	U	EA	0	N	0		
3	057-470000018	CAP-E 47U 20% 25V	980116	2.0000	U	EA	0	N	0		
3	057-471000036	CAP-E 470U 20% 50V 105°C	980116	1.0000	U	EA	0	N	0		
3	057-479000006	CAP-E 4U7 20% 50V 4X7	980116	1.0000	U	EA	0	N	0		
3	068-22400130	CAP-MP 220N +/-20% 250V	980116	1.0000	U	EA	0	N	0		
3	075-102000005	CAP-MLC 1N 5% 50V NPO	980116	1.0000	U	EA	0	N	0		
3	075-152000003	CAP-MLC 1N5 5% 50V NPO	980116	2.0000	U	EA	0	N	0		
3	075-152000008	CAP-MLC 1N5 5% 200V NPO	980116	1.0000	U	EA	0	N	0		
3	080-000000001	REACTOR 8MHZ 3FEM	980116	2.0000	U	EA	0	N	0		

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LOW LEVEL	PART IDENTIFIER	DESCRIPTION	EFF DATE	QTY/ASSY	Q C	UOM	LT OFF	T C	SCRAP	ECN NUMBER	ALTERNATE PART
..3	084-00300007	FUSE WIRE-TN/CU #39 250MA	980116	1.0000	U	EA	0	N	0		
..3	124000H10002	RF COIL 21T	980116	2.0000	U	EA	0	N	0		
..3	149-00000001	TEL SOCKET 623P-6P6C	980123	1.0000	U	EA	0	N	0	007220-AC	
..3	149-00700000	J.5MM PCB-MT MONO JACK	980116	1.0000	U	EA	0	N	0		
..3	159-10100040	TUNING COIL H06-424 7.5MM	980116	1.0000	U	EA	0	N	0		
..3	159-10100050	TUNING COIL H06-351 7.5MM	980116	2.0000	U	EA	0	N	0		
..3	159010H10022	T-COIL 1.2ST C/W BRASS	980116	1.0000	U	EA	0	N	0		
..3	209-12700640	TRS-NPN 2SD647A (100V)	980116	1.0000	U	EA	0	N	0		
..3	209117H10002	TRS-NPN MPS N10	980116	3.0000	U	EA	0	N	0		
..3	209117H10004	TRS-NPN 9014C	980116	10.0000	U	EA	0	N	0		
..3	210010H10010	TRS-H9013	980116	1.0000	U	EA	0	N	0		
..3	210117H10000	TRS-PNP 9015C	980116	5.0000	U	EA	0	N	0		
..3	211010H10000	REGULATOR 78L05	980116	1.0000	U	EA	0	N	0		
..3	211106H10020	IC EPROM 24C65	980116	1.0000	U	EA	0	N	0		
..3	211116H10007	IC LV153 DUAL OP-AMP	980116	1.0000	U	EA	0	N	0		
..3	211328H10092	IC MAX953	980116	1.0000	U	EA	0	N	0		
..3	211328H10114	IC EXC16C63-40/P (SDIP)	980116	1.0000	U	EA	0	N	0		
..3	212107H10000	DIODE-SI 1N4148	980116	19.0000	U	EA	0	N	0		
..3	212107H10002	DIODE-SI 1N4004	980116	8.0000	U	EA	0	N	0		
..3	220-00200180	LED 3MM (RED DIFFUSED)	980116	1.0000	U	EA	0	N	0		
..3	220-00200430	LED IR DETECTOR D410PI	980116	1.0000	U	EA	0	N	0		
..3	222-10090003	DIODE-Z 10V 5% 1W3	980116	2.0000	U	EA	0	N	0		
..3	222-68090003	DIODE-Z 68V 5% 1W3	980116	1.0000	U	EA	0	N	0		
..3	233-199000050	OPTOCOUPLER 4M35 (VDS)	980116	1.0000	U	EA	0	N	0		
..3	237-15107032	RES-CC 150R +/-10% 1/2W	980116	1.0000	U	EA	0	N	0		
..3	240-10106022	RES-CF 100R +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-10106022	RES-CF 1K +/-5% 1/4W	980116	3.0000	U	EA	0	N	0		
..3	240-10306022	RES-CF 10K +/-5% 1/4W	980116	9.0000	U	EA	0	N	0		
..3	240-10406022	RES-CF 100K +/-5% 1/4W	980116	5.0000	U	EA	0	N	0		
..3	240-10506022	RES-CF 1M +/-5% 1/4W	980116	4.0000	U	EA	0	N	0		
..3	240-12306022	RES-CF 12K +/-5% 1/4W	980116	3.0000	U	EA	0	N	0		
..3	240-12406022	RES-CF 120K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-15006022	RES-CF 15R +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-15106022	RES-CF 150R +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-15406022	RES-CF 150K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-15506022	RES-CF 1M5 +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-18206022	RES-CF 1K8 +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-18506022	RES-CF 1M8 +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-22106022	RES-CF 220R +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-22306022	RES-CF 22K +/-5% 1/4W	980116	3.0000	U	EA	0	N	0		
..3	240-22406022	RES-CF 220K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-27306022	RES-CF 27K +/-5% 1/4W	980116	2.0000	U	EA	0	N	0		
..3	240-33106022	RES-CF 330R +/-5% 1/4W	980116	3.0000	U	EA	0	N	0		
..3	240-33206022	RES-CF 3K3 +/-5% 1/4W	980116	2.0000	U	EA	0	N	0		
..3	240-33406022	RES-CF 330K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-39406022	RES-CF 390K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-47106022	RES-CF 470R +/-5% 1/4W	980116	3.0000	U	EA	0	N	0		
..3	240-47206022	RES-CF 4K7 +/-5% 1/4W	980116	2.0000	U	EA	0	N	0		
..3	240-47306022	RES-CF 47K +/-5% 1/4W	980116	7.0000	U	EA	0	N	0		
..3	240-47406022	RES-CF 470K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		

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MAX * BILL OF MATERIALS * MULTI-LEVEL EXPLOSION BY LOW LEVEL SEQUENCE

LOW LEVEL	PART IDENTIFIER	DESCRIPTION	RFP DATE	QTY/ASSY	Q C	DOM	LT OFF	T C	SCRAP	ECN NUMBER	ALTERNATE PART
..3	240-56406022	RES-CF 560K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-68106022	RES-CF 680R +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-68206022	RES-CF 68K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-68306022	RES-CF 68K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-68406022	RES-CF 680K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	240-82106022	RES-CF 820R +/-5% 1/4W	980116	2.0000	U	EA	0	N	0		
..3	240-82206022	RES-CF 82K +/-5% 1/4W	980116	1.0000	U	EA	0	N	0		
..3	256-14000015	VDR 140VAC, 0.2W, 9XS	980116	1.0000	U	EA	0	N	0		
..3	307001H101808	TRF-PWR 106/14:29.6 HI28	980309	1.0000	U	EA	0	N	0	007316-AC	
..3	358-60821001	WIRE-JUMPER D=0.6MM	980116	19.0000	U	EA	0	N	0		
..3	862-20202030	TRF-ISO 120KHZ, VDR ASSY	980309	1.0000	U	EA	0	N	0	007316-AC	
..2	851001H10800	PCB ASSY DAUGHTER	980116	1.0000	U	EA	0	N	0		
..3	842010H10535A	PCB	980216	1.0000	U	EA	0	N	0		
..3	211328H10118	IC 286L7108PACR000X	980116	1.0000	U	EA	0	N	0		
..3	344-00000011	FLAT CABLE 10 WAY 35MM	980306	1.0000	U	EA	0	N	0	007322-AC	
..3	358-60821001	WIRE-JUMPER D=0.6MM	980116	13.0000	U	EA	0	N	0		
..2	851001H10800	PCB ASSY RF	980116	1.0000	U	EA	0	N	0		
..3	042010H10410	PCB, RF	980116	1.0000	U	EA	0	N	0		
..2	076-10000002	CAP-MCC 10F 5% NPO 0805	980116	1.0000	U	EA	0	N	0		
..3	076-18900000	CAP-MCC 1P8 .25P NPO 0805	980116	1.0000	U	EA	0	N	0		
..3	076-22900000	CAP-MCC 2P2 .25P NPO 0805	980116	2.0000	U	EA	0	N	0		
..3	076-33900000	CAP-MCC 3P3 .25P NPO 0805	980116	1.0000	U	EA	0	N	0	007355-AY	
..3	124000H10001	RF COIL 31T	980116	1.0000	U	EA	0	N	0		
..3	162089H10013	RF WIRE LOOP ID=4 WD=0.6	980313	1.0000	U	EA	0	N	0	007365-AY	
..3	209117H10002	TRG-NPN NPS H10	980116	1.0000	U	EA	0	N	0		
..3	240-10306011	RES-CF 10K +/-5% 1/8W	980116	1.0000	U	EA	0	N	0		
..3	241-22100000	RES-TPC 220R 5% 1/10W0805	980116	1.0000	U	EA	0	N	0		
..3	241-68200000	RES-TPC 68K 5% 1/10W 0805	980116	1.0000	U	EA	0	N	0		
..3	358-60821001	WIRE-JUMPER D=0.6MM	980116	4.0000	U	EA	0	N	0		

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TEST EQUIPMENT LIST



Retlif Testing Laboratories

Test Report Number R-7480-1
FCC ID: B4SCM14A

Equipment List

FCC 15/B/B RE

EN	Type	Manufacturer	Frequency Range	Model No.	Serial No.	Cal Date	Due Date
067	Open Area Test Site	Retlif	3 Meter	RNY	001	8/30/97	8/30/99
088B	Conical Log Spiral	Electro-Mechanics	200 MHz - 1 GHz	3101	2939	1/5/98	1/5/99
133	Broadband Pre-Amplifier	Electro-Metrics	10 kHz - 1 GHz, 26dB	BPA-1000	174	6/20/97	6/20/98
141	Spectrum Analyzer	Hewlett Packard	100 Hz - 40 GHz	8566B	2637A03491	3/2/98	9/2/98
141A	Graphics Plotter	Hewlett Packard	N/A	7470A	2517A07605	3/4/98	3/4/99
141B	Quasi-Peak Adaptor	Hewlett Packard	100 Hz - 1 GHz	85650A	2521A00862	3/3/98	9/3/98
206B	6.0 dB Attenuator	Texscan	0 - 1.0 GHz	FP-50 - 6 dB	5785	6/20/97	6/20/98
523	Biconilog	Electro-Mechanics	26 MHz - 1100 MHz	3143	9602-1234	9/30/97	9/30/98
530	AM/FM Signal Generator	Marconi Instru.	10 kHz - 1.2 GHz	2023	112164/065	4/29/97	4/29/98



Retlif Testing Laboratories

Test Report Number R-7480-1

FCC ID: B4SCM14A

Equipment List

FCC 15/B/B CE

EN	Type	Manufacturer	Frequency Range	Model No.	Serial No.	Cal Date	Due Date
078	LISN	Solar Electronics	10 kHz - 30 MHz	8028-50-TS24BNC	849578	5/5/97	5/5/98
088B	Conical Log Spiral	Electro-Mechanics	200 MHz - 1 GHz	3101	2939	1/5/98	1/5/99
091	Shielded Enclosure	Retlif	10 kHz - 1 GHz	Room 6	N/A	7/6/97	7/6/98
202	Transient Limiter	Hewlett Packard	.009 MHz - 200 MHz	11947A	2820A00353	8/21/97	8/21/98
512	Graphics Plotter	Hewlett Packard	N/A	7470A	2210A08221	11/11/97	11/11/98
513	LISN	Solar Electronics	50 Hz - 400 Hz	8028-50-TS24BNC	953932	11/3/97	11/3/98
530	AM/FM Signal Generator	Marconi Instru.	10 kHz - 1.2 GHz	2023	112164/065	4/29/97	4/29/98
544	EMC Analyzer	Hewlett Packard	9.0 kHz - 1.8 GHz	8591EM	3628A00844	8/11/97	8/11/98



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