

TYPE OF EXHIBIT: SEMICONDUCTOR LIST

MANUFACTURER: RITRON, Inc.
505 West Carmel Drive
Carmel, IN 46032

MODEL: DTX-254

TYPE OF UNIT: 220 MHz Transceiver Module

FCC ID: AIERIT20-250

DATE: December 23, 2004

List of semiconductors follows:

Control Loader Board

Ref. Des.	Ritron P/N	Vendor P/N	Function
CR301	48A1005C	MMBD7000	Dual switching diode
CR302	48A1005C	MMBD7000	Dual switching diode
CR303	48A1005C	MMBD7000	Dual switching diode
CR304	48A1005C	MMBD7000	Dual switching diode
CR305	48A1005C	MMBD7000	Dual switching diode
CR306	48A1005C	MMBD7000	Dual switching diode
CR307	48A1005C	MMBD7000	Dual switching diode
CR308	48A1005C	MMBD7000	Dual switching diode
CR309	48A60001	1N4001	Power Diode
IC301	31010004	LM386	Audio PA
IC302	314G0002	MC68HC705	Microprocessor
IC303	31134053	74HC4053	Analog Switch
IC304	31010015	MC33204	Quad Op-Amp
IC305	31134053	74HC4053	Analog Switch
IC306	31010015	MC33204	Quad Op-Amp
IC307	310K0001	DS3088	Digital Pot
IC308	31010015	MC33204	Quad Op-Amp
IC309	31134053	74HC4053	Analog Switch
IC310	31010015	MC33204	Quad Op-Amp
IC311	31210001	X24C04	EEPROM Memory
IC314	31010001	LP2951	5-volt Regulator
IC316	03131027	LM317	Voltage Regulator
IC317	31040002	MC780LC50	5-volt Regulator
Q301	48180001	BCP69	SMT Power Transistor
Q302	4801001Q	MMBT5088	Small signal Transistor
Q303	4801002A	MMBT3906	Small signal Transistor
Q304	48010R02	MUN2211	Transistor w bias
Q305	48010R02	MUN2211	Transistor w bias
Q306	48010R02	MUN2211	Transistor w bias

RF Board

Ref. Des.	Ritron P/N	Vendor P/N	Function
CR101	48A1005C	MMBD7000	Dual Switching Diode
CR103	480100A2	MA4CP101	PIN diode
CR104	480100A2	MA4CP101	PIN diode
CR105	48C10AQ3	SMV1236-004	Varactor diode
CR106	48C1004G	MMBV2101	Varactor diode
CR107	48A1004D	MMBV3401	PIN diode
CR109	48B1008K	MMBZ5235	Zener diode
CR110	48A1005C	MMBD7000	Dual switching diode
IC101	3151AAAS	MAX2681	Mixer
IC102	31030006	TA31136	IF subsystem
IC103	31010008	LM2904	Op-amp
IC104	04801513	RA07M2127M	RF PA
IC106	31127414	74HC14	Inverter
IC107	310E0002	LM2980	Voltage regulator
IC108	310E0002	LM2980	Voltage regulator
IC109	313K0003	LMX2352	Synthesizer
Y101	23050003	23050003	14.4 MHz oscillator