

WA GOL INDUSTRIAL CO.,LTD.
BILL OF MATERIAL

MODEL NO.:UT-16A TRANSMITTER F. 798±1MHz

DATE: 12/25/01

PART CODE	ITEM NO.	SPECIFICATION	QTY	REMARK
103-1000-3	CHIP RESISTOR	10Ω 5% SMT	7	0603
103-1001-3	CHIP RESISTOR	100Ω 5% SMT	3	0603
103-1002-3	CHIP RESISTOR	1KΩ 5% SMT	4	0603
103-1003-3	CHIP RESISTOR	10KΩ 5% SMT	9	0603
103-1004-3	CHIP RESISTOR	100KΩ 5% SMT	10	0603
103-1202-3	CHIP RESISTOR	1.2KΩ 5% SMT	2	0603
103-1203-3	CHIP RESISTOR	12KΩ 5% SMT	3	0603
103-1501-3	CHIP RESISTOR	150Ω 5% SMT	2	0603
103-1502-3	CHIP RESISTOR	1.5KΩ 5% SMT	1	0603
103-1503-3	CHIP RESISTOR	15KΩ 5% SMT	3	0603
103-1803-3	CHIP RESISTOR	18KΩ 5% SMT	1	0603
103-2201-3	CHIP RESISTOR	220Ω 5% SMT	4	0603
103-2202-3	CHIP RESISTOR	2.2KΩ 5% SMT	4	0603
103-2203-3	CHIP RESISTOR	22KΩ 5% SMT	2	0603
103-2204-3	CHIP RESISTOR	220KΩ 5% SMT	1	0603
103-2703-3	CHIP RESISTOR	27KΩ 5% SMT	1	0603
103-3003-3	CHIP RESISTOR	30KΩ 5% SMT	2	0603
103-3302-3	CHIP RESISTOR	3.3KΩ 5% SMT	1	0603
103-3303-3	CHIP RESISTOR	33KΩ 5% SMT	2	0603
103-4700-3	CHIP RESISTOR	47Ω 5% SMT	4	0603
103-4701-3	CHIP RESISTOR	470Ω 5% SMT	1	0603
103-4702-3	CHIP RESISTOR	4.7KΩ 5% SMT	2	0603
103-4703-3	CHIP RESISTOR	47KΩ 5% SMT	2	0603
103-5601-3	CHIP RESISTOR	560Ω 5% SMT	1	0603
103-5602-3	CHIP RESISTOR	5.6KΩ 5% SMT	2	0603
103-5603-3	CHIP RESISTOR	56KΩ 5% SMT	1	0603
103-6800-3	CHIP RESISTOR	68Ω 5% SMT	2	0603
103-6801-3	CHIP RESISTOR	680Ω 5% SMT	1	0603
103-6802-3	CHIP RESISTOR	6.8KΩ 5% SMT	1	0603
103-6803-3	CHIP RESISTOR	68KΩ 5% SMT	1	0603
103-6804-3	CHIP RESISTOR	680KΩ 5% SMT	1	0603
110-0104-2	TRIMMER RESISTOR	10KΩ EVND2YA03B14	1	
113-0103-0	TRIMMER RESISTOR	10K POZ3AN-51-103N	1	MVR32HXBRN
125-0107-1	ELECTROLYTIC CAP.	100μF/6.3V SMD	1	
131-0001-3	CHIP CERAMIC CAP.	1 PF SMT C0603	2	NPO
131-0002-3	CHIP CERAMIC CAP.	2 PF SMT C0603	3	NPO
131-0003-3	CHIP CERAMIC CAP.	3 PF SMT C0603	4	

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131-0005-3	CHIP CERAMIC CAP.	5 PF SMT C0603	4	
131-0010-3	CHIP CERAMIC CAP.	10 PF SMT C0603	2	
131-0012-3	CHIP CERAMIC CAP.	12 PF SMT C0603	1	
131-0015-3	CHIP CERAMIC CAP.	15 PF SMT C0603	1	
131-0020-3	CHIP CERAMIC CAP.	20 PF SMT C0603	1	
131-0030-3	CHIP CERAMIC CAP.	30 PF SMT C0603	2	
131-0050-3	CHIP CERAMIC CAP.	50 PF SMT C0603	2	
131-0082-3	CHIP CERAMIC CAP.	82 PF SMT C0603	1	
131-0100-3	CHIP CERAMIC CAP.	100 PF SMT C0603	7	
131-0102-3	CHIP CERAMIC CAP.	0.001μF/50V C0603	14	X7R
131-0104-3	CHIP CERAMIC CAP.	0.1μF/25V C0603	5	Y5V
131-0150-3	CHIP CERAMIC CAP.	150 PF C0603	1	NPO
131-0152-3	CHIP CERAMIC CAP.	0.0015μF/50V C0603	1	X7R
131-0153-3	CHIP CERAMIC CAP.	0.015μF/50V C0603	2	X7R
131-0220-3	CHIP CERAMIC CAP.	220 PF C0603	1	NPO
131-0330-3	CHIP CERAMIC CAP.	330 PF C0603	1	NPO
131-0473-3	CHIP CERAMIC CAP.	0.047μF/25V C0603	2	X7R
131-0603-5	CHIP CERAMIC CAP.	0.5 PF C0603	1	NPO
131-0682-3	CHIP CERAMIC CAP.	0.0068μF/50V C0603	1	X7R
134-0105-3	CHIP TANTALUM CAP.	1μF/16V	5	
134-0106-1	CHIP TANTALUM CAP.	10μF/6.3V (P Case)	1	
134-0106-3	CHIP TANTALUM CAP.	10μF/10V (A Case)	16	
134-0225-3	CHIP TANTALUM CAP.	2.2μF/16V	2	
134-0474-3	CHIP TANTALUM CAP.	0.47μF/35V	2	
134-0475-3	CHIP TANTALUM CAP.	4.7μF/16V	5	
135-0010-0	VARIBLE CAP.	KCTO3B100A-10PF	2	
144-0013-0	RESONATOR	1.3GHz	1	
147-0005-6	CHOKE	LQG11A5N6S00-5.6nH	1	
147-1000-2	CHOKE	LQG11A10NJ00-10nH	4	
147-1001-1	CHOKE	LQG11AR10J00-100nH	7	
147-1010-0	CHOKE	TDK NL322522-100μH	1	
151-1069-0	IC	TOKO TK10691M	1	
151-1503-0	IC	MB15E03SLPFV1-ER	1	
151-4510-0	IC	ROHM BA4510F-E2	1	
151-7815-0	IC	EM78P156EM S018	1	
151-8123-0	IC	S-81230SGUP-DQB-T1	1	3V
153-0108-0	CHIP TRANSISTOR	ROHM C-TR, IMZ1A	1	T-108 SMT

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153-0148-0	CHIP TRANSISTOR	ROHM C-TR, FMW1	1	SMT
153-1036-0	CHIP TRANSISTOR	ROHM 2SA 1036K T146Q	1	SMT
153-2098-0	CHIP TRANSISTOR	ROHM 2SD2098-R	1	
153-2712-0	CHIP TRANSISTOR	TOSHIBA 2SC2712-GR	6	SMT(1R3K)
153-3356-0	CHIP TRANSISTOR	NEC 2SC3356	2	
153-5248-0	CHIP TRANSISTOR	PHILIPS BFG520/XR	2	
154-0209-0	FIELD-EFFECT TRANS.	TOSHIBA 2SK209-Y	1	
162-0149-0	VAR. CAPACITANCE DIODE	PHILIPS BB149A	1	
165-3001-2	LED	3φ RED	1	
166-0390-0	ZENER DIODE	ROHM ZENER 3V9 SMT	1	
169-0451-0	CHIP DIODE	ROHM RB451F-T106	2	SMT
190-4168-0	IFT	H05-444-4168	1	
191-0004-0	CRYSTAL	4.000KHz	1	
191-3276-0	CRYSTAL	NIC32.768KHz	1	
621-2515-0	Heat-Shrinkable Tubing	2.5 φ x15mm	1	
901-0349-0	EARPHONE JACK	3.5 φ ;SCJ-0349A-X	1	
921-0070-1	SLIDE SW.	SS070-P022A	1	
926-0104-0	DIP SWITCH	EDG104SRA	1	
951-0160-1	FR-4 PCB	90.5x59x1.2mm	1	