

uniden®

SCANNING RECEIVER

MODEL : BC200XLT / 205XLT

**SERVICE INFORMATION
MANUAL**

UNIDEN CUSTOMER SERVICE
9900 Westpoint Dr.
P.O. Box 501368
Indianapolis, IN 46250
(317) 842-2483

UNIDEN PARTS DEPT.
9900 Westpoint Dr.
P.O. Box 50463
Indianapolis, IN 46250
(317) 842-1036

SCANNING RECEIVER

MODEL : BC200XLT / 205XLT

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BLOCK DIAGRAM

SCHEMATIC DIAGRAM	MAIN PCB	(E12-2774)
	MICOM PCB	(E13-2775)
	PLL PCB	(E13-2776)
	WINDOW PCB	(E14-2777)
	IF PCB	(E14-2778)
	REG PCB	(E14-2779)
	800MHz PCB	(E14-2780)

P.C.BOARD	MAIN PCB	TOP VIEW	(E22-7338)
		BOTTOM VIEW	(E22-7339)
	MICOM PCB	TOP VIEW	(E23-7340)
	PLL PCB	TOP VIEW	(E23-7341)
		BOTTOM VIEW	(E23-7342)
	800MHz PCB	TOP VIEW	(E23-7343)
	WINDOW	TOP VIEW	(E24-7344)
	IF PCB	TOP VIEW	(E24-7345)
	REG PCB	TOP VIEW	(E24-7346)

WIRING DIAGRAM	(E33-2842)
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*NOTE: Circuit design and specifications are subject to change without notice.

1. SPECIFICATIONS

SCANNING RECEIVER MODEL : BC 200XLT (UB-109D)
: BC 205XLT (UB-109E)

GENERAL

1. Band Coverage : 12 Bands
2. Frequency Range : 29 ~ 29.7 MHz (5 kHz Step)
29.7 ~ 50 MHz (5 kHz Step)
50 ~ 54 MHz (5 kHz Step)
118 ~ 136 MHz (5 kHz Step)
136 ~ 144 MHz (5 kHz Step)
144 ~ 148 MHz (5 kHz Step)
148 ~ 174 MHz (5 kHz Step)
406 ~ 420 MHz (12.5 kHz Step)
420 ~ 450 MHz (12.5 kHz Step)
450 ~ 470 MHz (12.5 kHz Step)
470 ~ 512 MHz (12.5 kHz Step)
806 ~ 956 MHz (12.5 kHz Step)
<EXCEPT CELLULAR BAND>
3. Channels : 200 Channels (20CH × 10 Banks)
4. Display : Liquid Crystal Display with Back Light
9 Digits and Special Annunciator
(WX, PRI, L/O, DLY, BATT, KEY LOCK, Bank 1 ~ 10)
5. Keys (PROGRAM) : Total 1 set 12 Keys
Numeric : "0" ~ "9"
Enter : "E"
Decimal : "."
(0 ~ 9 Keys Work for Bank Selection Key on Scan Mode)
(OPERATION) : Total 11 Keys
Scan, Manual, Delay, Lockout, Search, Limit
Hold, Weather, Priority, Light, Key Lock
6. Controls/Switches : Volume Cont. with Power ON/OFF Switch
Squelch Cont.
7. Jacks : ANT. Jack BNC Type
EXT SP Jack (2.5 ϕ) IMP. 8 Ohm
DC Power Jack (5.5 ϕ)
8. Power requirements : 13.8 V DC (+ 10% ~ -10%)
(External) or 120 V AC 60 Hz (with AC Adapter)
(Internal) 6 × AA Size Ni-CAD Batteries 7.2 V DC (included)
9. Operating Voltage : 6.8 V ~ 8.4 V DC at Batt. Terminal
10. Operating TEMP. : -20°C ~ +60°C
11. Storage TEMP. : -30°C ~ +70°C

12. Speaker (Internal) : 8 Ohm, (40 Ø m/m)
13. Size : 2-3/4 W x 7-1/2 H x 1-1/4 D
14. Weight : 1 Lb 4 oz
15. System Consisting : ANT. (AT 094) 3 Bands (included)
AC Adapter (AD-140U)
Owner's Manual
Printed Matters
Carring Case
Earphone
16. Option : Batt PAC. (BP-200)
Cigarette Power Cord (PS 001)
DC Power Cord (PS 002)

MEASUREMENT CONDITIONS

1. Power Source : 7.8 V DC at Batt. Terminal
2. Antenna Impedance : 50 Ohm
3. Test Temperature : 25°C ± 5°C
4. Modulation Frequency : 1 kHz
5. Modulation : ± 3 kHz deviation & 60% AM for Aircraft
6. Mean Signal Input Level : 1 mV
7. Audio Output Load : 8 Ohm resistive load
8. REF. Audio Output : 50 mW

	<u>ITEMS</u>	<u>UNIT</u>	<u>NOMINAL</u>	<u>LIMIT</u>
1. Sensitivity (12 dB SINAD)				
VHF Low Band	30.05 MHz	uV	0.3	0.8
	40.84 MHz	uV	0.3	0.8
	49.9 MHz	uV	0.3	0.8
Aircraft	118.8 MHz	uV	0.6	1.6
	127.175 MHz	uV	0.6	1.6
	135.5 MHz	uV	0.6	1.6
VHF HI Band	138.15 MHz	uV	0.4	0.8
	162.4 MHz	uV	0.4	0.8
	173.225 MHz	uV	0.4	0.8

	<u>ITEMS</u>	<u>UNIT</u>	<u>NOMINAL</u>	<u>LIMIT</u>
UHF Band	406.875 MHz	uV	0.3	1.0
	453.25 MHz	uV	0.3	1.0
	511.9125 MHz	uV	0.3	1.0
Public Service Band				
Public Service Band	806.0 MHz	uV	0.6	3.0
	888.9875 MHz	uV	0.6	3.0
	954.9125 MHz	uV	0.8	3.0
2. Threshold Squelch (at tune-up)				
VHF Low Band at 40.84 MHz		uV	0.2	0.8
VHF HI Band at 162.4 MHz		uV	0.3	0.8
UHF Band at 453.25 MHz		uV	0.3	1.2
Aircraft at 127.175 MHz		uV	0.3	2.0
Public Service at 888.9875 MHz		uV	0.5	2.5
3. Primary Image				
VHF Low Band at 40.84 MHz		dB	30	10
VHF HI Band at 162.4 MHz		dB	18	5
UHF Band at 453.25 MHz		dB	8	-
Aircraft at 127.175 MHz		dB	18	5
Public Service at 888.9875 MHz		dB	-	-
4. Hum/Noise at 40.84 MHz		dB	54	30
5. Audio Frequency Response -6 dB				
(at 40.84 MHz)				
FM	Low	Hz	260	200 ~ 400
	High	Hz	2350	2000 ~ 3500
(at 127.175 MHz)				
AM	Low	Hz	280	200 ~ 400
	High	Hz	2500	2000 ~ 3500
6. Audio Output Power (at 127.175 MHz/40.84 MHz)				
: 7.8 V DC at Batt. Terminal				
at 10% THD		mW	400	350
at Max. Output		mW	500	400
7. Scan Rate		CH/Sec.	15	10 ~ 20

<u>ITEMS</u>	<u>UNIT</u>	<u>NOMINAL</u>	<u>LIMIT</u>
8. Oscillator Dropout	V DC	5.2	6.5
9. Scan Delay	Sec.	2	2 ± 1.5
10. Current Drain (at 888.9875 MHz) : 7.8 V DC at Batt. Terminal			
(at full output)	mA DC	180	110 ~ 230
(at Squelched)	mA DC	70	120
11. Memory Back Up Period (without Battery Pack)	H	-	1
12. BATT. LOW IND Turn on Voltage	V	6.9	6.5 ~ 7.2

2. ALIGNMENT PROCEDURE

TEST EQUIPMENT REQUIRED

AC cord plug (with 0.5A fuse)
 Digital voltmeter
 Frequency counter
 Watt meter

SINAD meter
 Oscilloscope
 Scope generator

1. PREPARATION FOR ALIGNMENT

Preset to

- Power supply
 - AC voltage : 120V (108 - 132V), 60 Hz (AD-140uV)
 - DC voltage : 13.8 V (BATT.PACK) or 7.8 V (BATT.NAL)
- Power switch : OFF
- Volume : Minimum (fully counterclockwise)
- Squelch : Fully clockwise
- Auto SQ switch : OFF

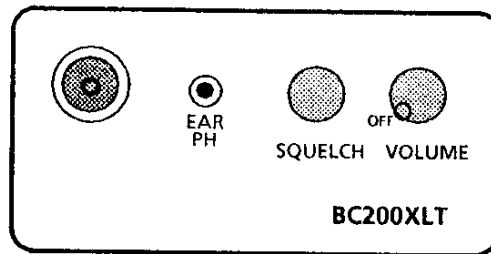


Figure.1 TOP VIEW OF THE UNIT

1-1 CHANGE TO THE TEST MODE

Press and hold 3 keys 2,9 and MAN simultaneously and turn the power switch on. Then, set the power switch to the off position. Re-press and re-hold 3 keys 2,9, and SCAN simultaneously and turn the power switch on. The test frequencies shown on the Table 1 will appear at each memory channel. The power supply cord to be used for this test should have a 0.5A fuse.

NOTE: If the power is supplied to the unit indicator and incorrect frequency may be displayed.

Table 1. TEST MODE FREQUENCIES.

CH	Frequency	CH	Frequency	CH	Frequency
1	30.05 MHz	11	118.8 MHz	21	806.000 MHz
2	40.84 MHz	12	127.175 MHz	22	857.2 MHz
3	49.90 MHz	13	135.5 MHz	23	888.9875 MHz
4	138.15 MHz	14 ※	66.45 MHz	24	911.5 MHz
5	162.40 MHz	15 ※	76.825 MHz	25	954.9125 MHz
6	173.225 MHz	16 ※	87.425 MHz	26	000.000 MHz
7	406.875 MHz	17	157.800 MHz	27	000.000 MHz
8	453.25 MHz	18	482.3625 MHz	199	000.000 MHz
9	511.9125 MHz	19	29.000 MHz	200	000.000 MHz
10 ※	108.5 MHz	20	54.000 MHz		

※ Note : These frequencies are not received.

3. ALIGNMENT OF RECEIVING (REFER TO FIGURE 4.)

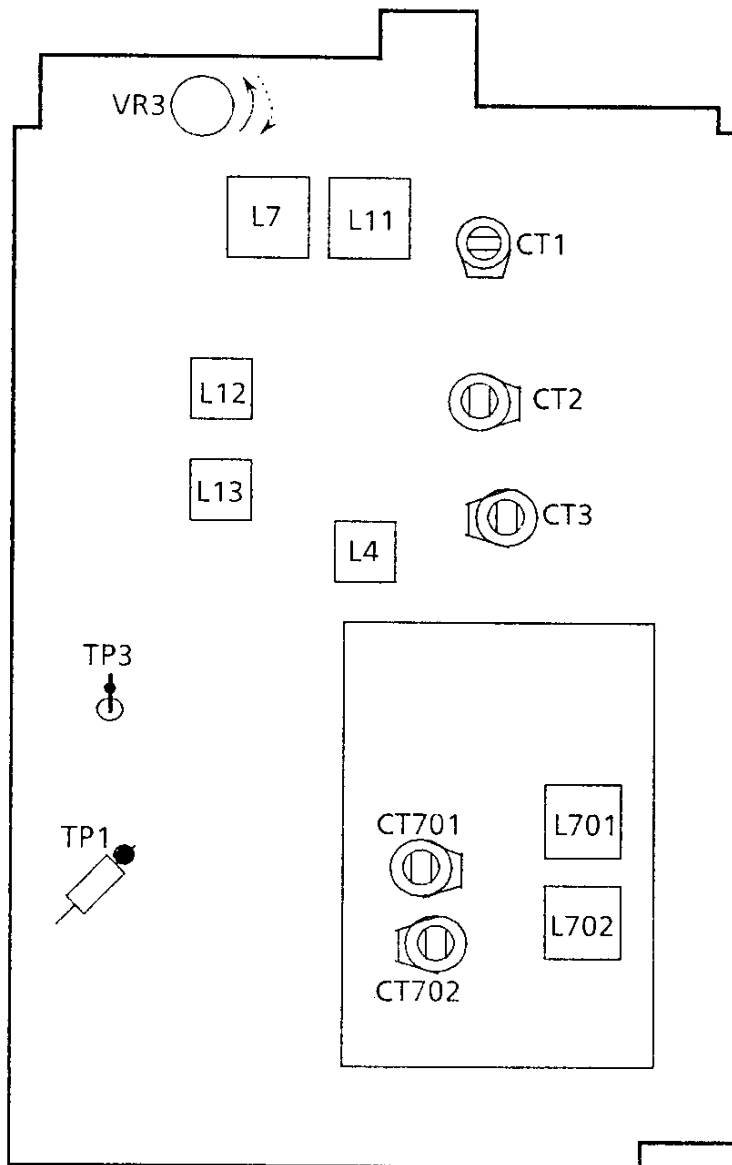
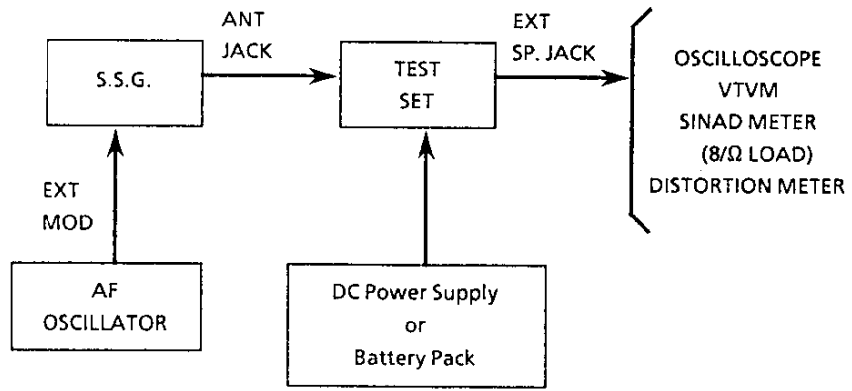
PRESET : SQUELCH ----- Minimum (clockwise)
 SIGNAL ----- FM : 1kHz, \pm 3kHz deviation
 AM : 1kHz, 60% modulation
 Audio Output Level : 50mW (0.63V across 8 Ω resistor)
 Connect SG RF output to ANT. terminal.

STEP	PRESET TO	ADJUSTMENT	REMARKS
1	CH : 5 S.G. : 162.4MHz 0.4 μ V, FM	Volume Control	Sensitivity alignment • Connect wattmeter (or Voltmeter) to audio output terminal. • Adjust volume control to 50mW (0.63V across 8 Ω resistor).
2	Ditto	L4, L11, L13	• Connect SINAD meter to audio output terminal. • Adjust coils to the best SINAD. • Then, adjust S.G. to 12dB SINAD and check if the output voltage of S.G. is less than 0.8 μ V.
3	CH : 2 S.G. : 40.84MHz, 0.3 μ V, FM	L7, L12	• Ditto
4	CH : 7 S.G.: 4406.875MHz 0.6 μ V	CT1, CT2, CT3	• Same as step 2. • Repeat this alignment for a few times. • After alignment, check if 12dB SINAD sensitivity is less than 1.0 μ V.
5	CH : 2 S.G. : 40.84 MHz 0.45 μ V Squelch : CCW(Max.) (before AUTO SW)	VR3	Squelch alignment • Turn VR3 fully clockwise. • Then, adjust VR3 to the point where Audio output voltage will appear.

Table. 2 VCO ALIGNMENT VOLTAGE (at TP2 ; R42).

	CH	FREQUENCY	DC VOLTAGE (volts)
VHF (Low) Adjust	1	30.05 MHz	1.2 \pm 0.1
Confirm	2	40.84 MHz	5.6 \pm 0.5
Confirm	3	49.9 MHz	9.2 \pm 0.5
Confirm	4	138.15 MHz	3.2 \pm 0.5
Confirm	5	162.4 MHz	9.5 \pm 0.5
Confirm	6	173.225 MHz	11.5 \pm 0.5
Confirm	7	406.875 MHz	4.8 \pm 0.5
Confirm	8	453.25 MHz	8.7 \pm 0.5
VHF (High) /UHF Adjust	9	511.9125MHz	12.5 \pm 0.1

Figure 2. Connection for IF alignment

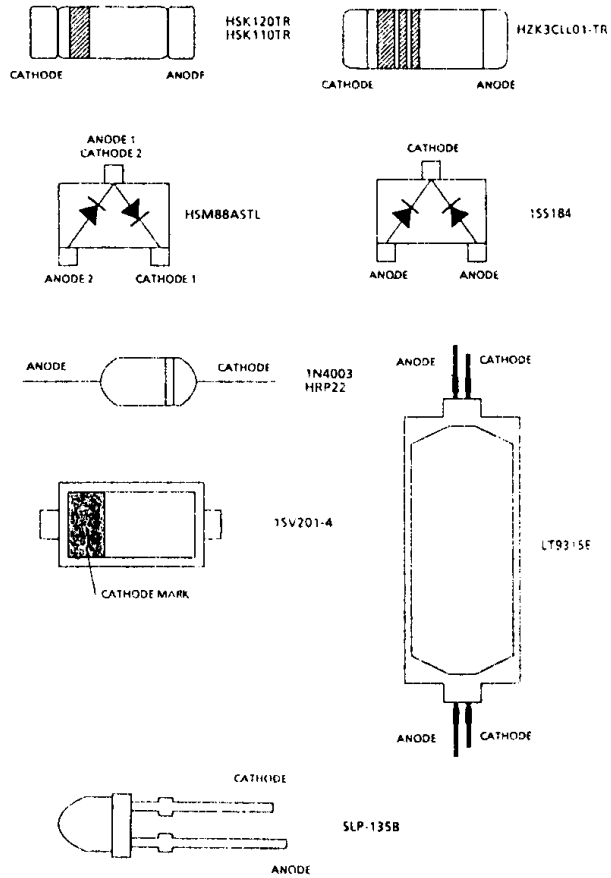


2. ALIGNMENT OF THE CIRCUIT

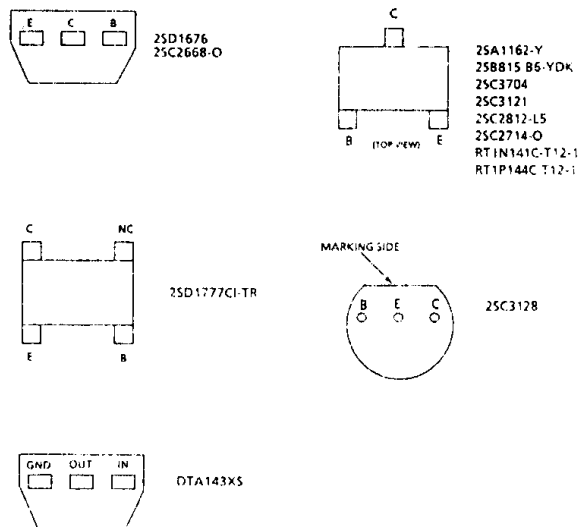
STEP	PRESET TO	ADJUSTMENT	REMARKS
1	CH : 22	CT701	<p>PLL adjustment</p> <ul style="list-style-type: none"> ● Connect frequency counter to TP1 (R18). ● Adjust CT701 to 10.40000 ± 0.00001 MHz.
2	CH : 23	CT702	<ul style="list-style-type: none"> ● Adjust CT702 to 10.399850 ± 0.00001 MHz.
3	Ditto	No alignment.	<ul style="list-style-type: none"> ● Connect oscilloscope to TP1. ● Check if the waveform makes a sinusoidal wave and the peak to peak voltage is 350 ± 100 mV.
4	CH : 9	L701	<p>VCO adjustment</p> <ul style="list-style-type: none"> ● Connect oscilloscope or digital DC voltmeter to TP2 (R42). ● Adjust L701 to 12.5 ± 0.1 V.
5	CH : 7, 8	No alignment.	<ul style="list-style-type: none"> ● Check if VCO is at each channel voltage. (Refer to Table 2.)
6	CH : 4, 5, 6	Ditto	<ul style="list-style-type: none"> ● Ditto
7	CH : 1	L702	<ul style="list-style-type: none"> ● Adjust L702 to 1.2V at TP2.
8	CH : 2, 3	No alignment.	<ul style="list-style-type: none"> ● Check if VCO is at each channel voltage. (Refer to Table 2.)
9	CH : 2 S.S.G. : 40.84 MHz 50 mV	L4	<p>IF adjustment</p> <ul style="list-style-type: none"> ● Connect S.S.G. to ANT. terminal and Oscilloscope to TP4 (C17). ● Adjust L4 to maximum level reading on Oscilloscope with "SWEEP TIME" where the waveform can be observed.
10	CH : 2 (40.84 MHz) SG : 1 mV No modulation	L401	<p>Discriminator adjustment</p> <ul style="list-style-type: none"> ● Connect SG RF output to ANT. terminal. ● Connect digital voltmeter to TP3 (R65). ● Adjust L401 to 2.2 ± 0.05 V (DC).
11	CH: 24 (911.5MHz) SG : 911.5 MHz 1 mV No Mod.	CT 701	<ul style="list-style-type: none"> ● Adjust CT701 to obtain $2.2V \pm 0.05$ on voltage of TP3.
12	CH: 25 (954.9125MHz) SG : 954.9125 MHz 1 mV No Mod.	CT 702	<ul style="list-style-type: none"> ● Adjust CT702 to obtain $2.2V \pm 0.05$ on voltage of TP3.

3. SEMICONDUCTOR LEAD IDENTIFICATION

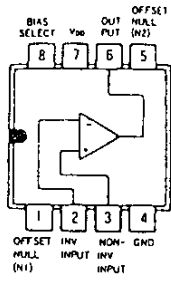
DIODE



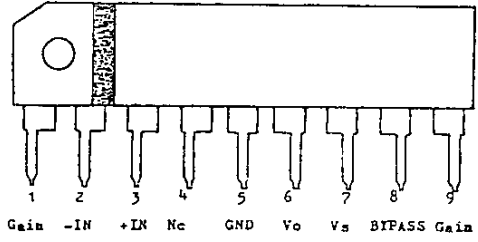
TRANSISTOR



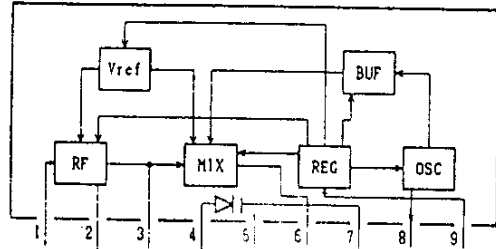
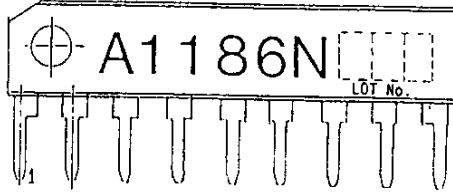
IC
TLC271CP



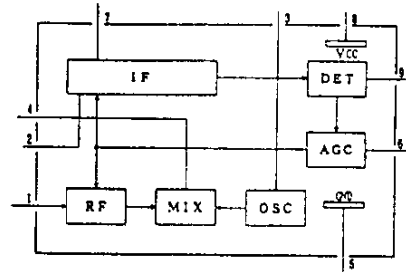
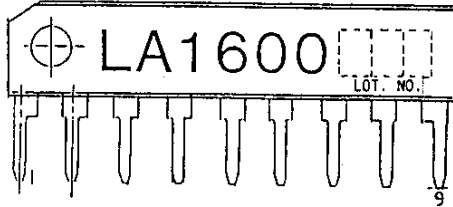
NJM386S-L



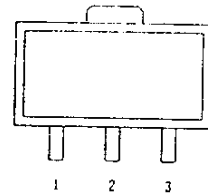
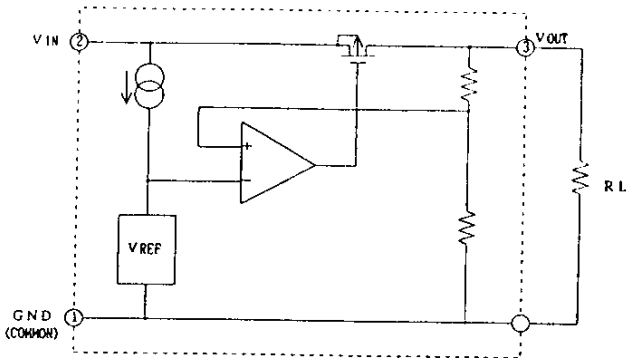
LA1186N



LA1600A

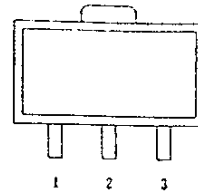
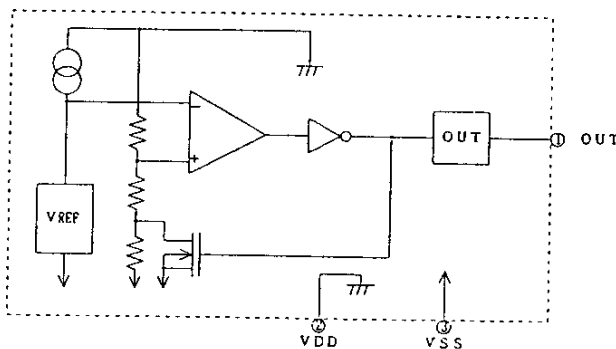


S-81250HG-RD-T1



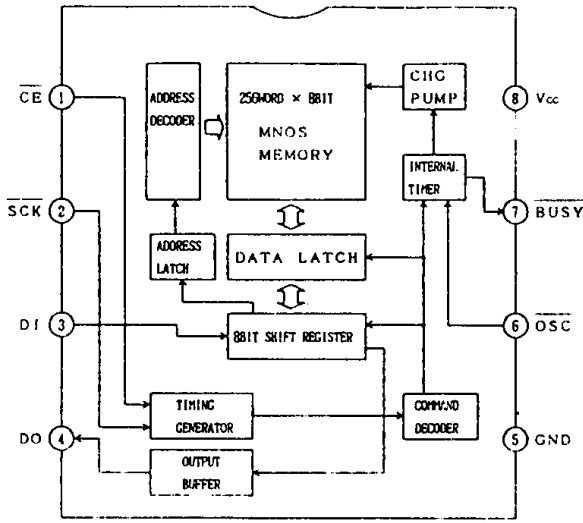
- 1. GND
- 2. VIN
- 3. VOUT

S-8054HN-CB-T1

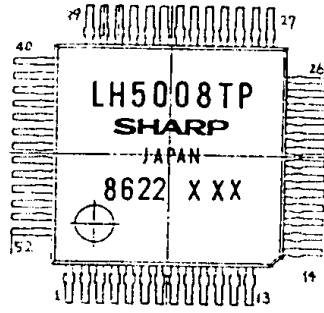


- 1. OUT
- 2. VDD
- 3. VSS

CXK1013P

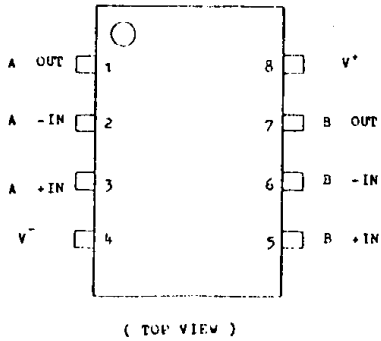


LH5008TP

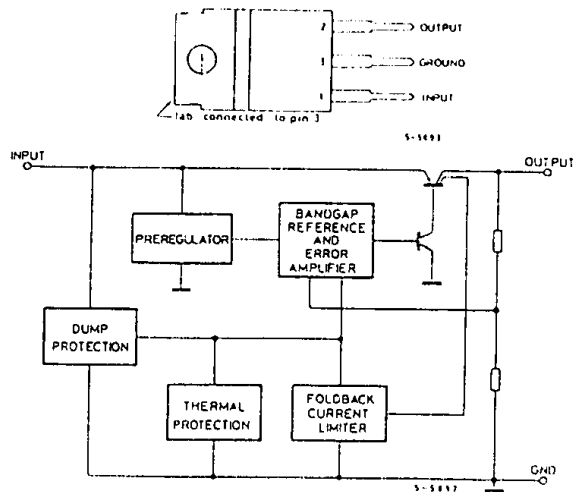


No.	Terminal	No.	Terminal
1	CLZ	27	S8
2	SYNC	28	S9
3	VL C1	29	S10
4	VL C2	30	S11
5	VL C3	31	S12
6	V _{DD}	32	S13
7	V _{SS}	33	V _{DD}
8	SCR	34	S14
9	ST	35	S15
10	CS	36	S16
11	EUEY	37	S17
12	C/D	38	S18
13	RESET	39	S19
14	NC	40	S20
15	COM0	41	S21
16	COM1	42	S22
17	COM2	43	S23
18	COM3	44	S24
19	S0	45	S25
20	S1	46	S26
21	S2	47	S27
22	S3	48	S28
23	S4	49	S29
24	S5	50	S30
25	S6	51	S31
26	S7	52	CL1

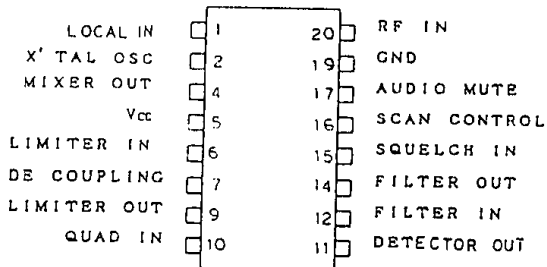
NJM2904M



L48101CV

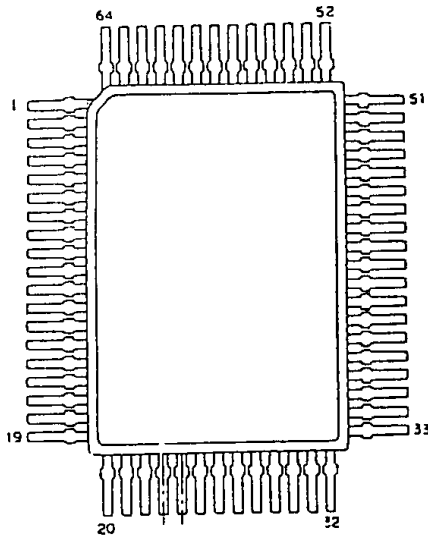


TK10421M-2



Pin 3, 8, 13 and 18 are not used.

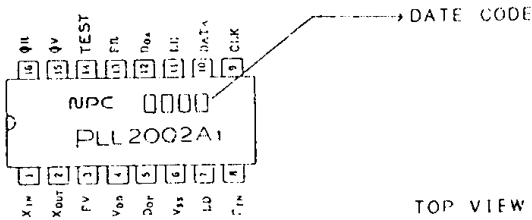
UC1147



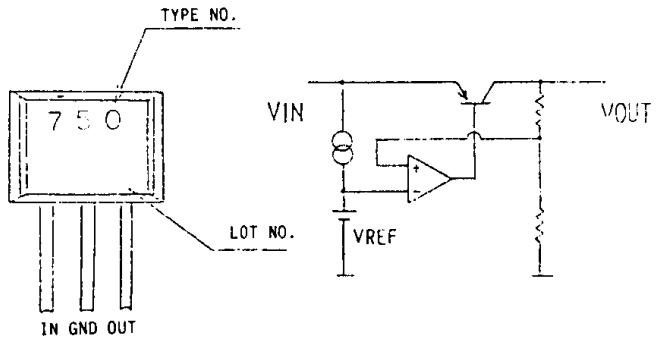
A: Without pull-up MOS (NMOS with an open drain)
 B: With pull-up MOS
 C: CMOS
 D: Without pull-down MOS (PMOS with an open drain)
 E: With pull-down MOS

Signal Name					Signal Name					Signal Name				
Pin No.	Clock Power Source	Input	Output	I/O Driver	Pin No.	Clock Power Source	Input	Output	I/O Driver	Pin No.	Clock Power Source	Input	Output	I/O Driver
1			R01	D	23			R01	B	45	OSC1			*
2			R02	D	24			R02	B	46	OSC2			*
3			R03	D	25			R03	A	47	GND			*
4		R10	R10	D	26	VCC			*	48		D0	D0	B
5		R11	R11	D	27		R10/SCS	R10/SCS	A	49		D1	D1	B
6		R12	R12	D	28		R11/S1	R11/S1	A	50		D2	D2	A
7		R13	R13	D	29		R12/S0	R12/S0	A	51		D3	D3	A
8		R20	R20	E	30		R03	R03	B	52		D4	D4	B
9		R21	R21	E	31			R10	B	53		D5	D5	D
10		R22	R22	E	32			R11	B	54		D6	D6	B
11		R23	R23	E	33			R12	A	55		D7	D7	D
12		R40		D	34			R13	A	56		D8	D8	E
13	R41/Volup	R41/Volup			35			R00	A	57		D9	D9	D
14		R30	R30	A	36			R01	A	58		D10	D10	B
15		R31	R31	A	37			R02	A	59		D11	D11	D
16	R32/INT0	R32/INT0	R32/INT0	A	38			R03	A	60		D12	D12	D
17	R33/INT1	R33/INT1	R33/INT1	A	39			R00	A	61		D13	D13	D
18		R50	R50	A	40			R01	A	62		D14	D14	D
19		R51	R51	A	41			R02	B	63		D15	D15	D
20		R52	R52	A	42			R03	A	64		R00	R00	E
21		R53	R53	B	43		RESET		*					
22			R00	B	44		RESET		*					

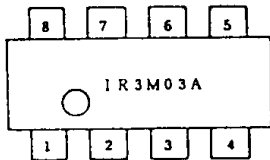
PLL2002A1



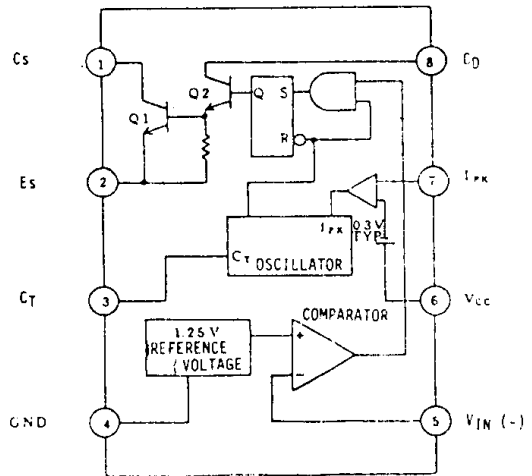
TK11750



IR3M03A



Top View (8 Pin SOP)



4. VOLTAGE CHART

VOLTAGE CHART

Q	PIN	VHF	UHF	AIR	RE MARKS
NBR	LOW	HI			
1	B	4.8			
	C	0			*1
	E	0			
2	B	4.8	0		
	C	0	4.8		4.8
	E	4.8			4.9
3	B	4.8	0		
	C	0	4.8		
	E	4.8	4.9		
4	B	5.0	0		
	C	5.0			
	E	0			
5	B	5.0	0		
	C	0			
	E	5.0			
6	B	0	0.47		*2
	C	4.9	1.6		
	E	0	0		
7	B	0	0		
	C	4.9	0		
	E	0	0		
8	B	0	0.7		
	C	4.8	4.9		
	E	0	0		
9	B	0	0.43		
	C	0	0.0		
	E	0	0.0		
11	B	4.6	0		
	C	0	3.0		
	E	0	0		
201	B	7.0	7.0		
	C	7.7	7.7		
	E	7.8			

VOLTAGE CHART

Q	PIN	VHF	UHF	AIR	RE MARKS
NBR	LOW	HI			
803	B	3.3			0.7
	C	4.4			3.5
	E	2.6			0
804	B	1.5			0.6
	C	4.7			3.7
	E	0.9			0
703	B	1.5			
	C	4.0			
	E	0.9			
704	B	4.5	4.3		
	C	0	4.9		
	E	4.9	4.9		
705	B	0	4.9		
	C	4.9	0		
	E	4.9	4.9		
706	B	0.7			
	C	4.6			
	E	0			
707	B	1.1			
	C	15.7			
	E	4.9			
708	B	15.7			
	C	9.6			
	E	15.8			
709	B	1.1			
	C	9.6			
	E	4.9			
801	B				0.7
	C				4.0
	E				0
802	B				0.6
	C				2.0
	E				0

VOLTAGE CHART


IC NBR	PIN	VHF		VHF III	UHF	AIR	AIR 300 MARKS	RE MARKS
		LOW	HIGH					
201	30	0						
	31	4.9						
	32	↓						
	33	0						
	34							
	35							
	36							
	37							
	38							
	39							
	40	↓						
	41	0.5						
	42	0						
	43	↓						
	44	4.9						
	45	2.0						
	46	2.2						
	47	0						
	48	4.8						
	49	4.9						
	50	4.9						
	51	4.9						
	52	0						
	53	0						
	54	4.6						
	55	4.8						
	56	0						
	57	4.8						
	58	0						
	59	4.8						
	60	4.9						
	61	↓						
	62	0						
	63	0						
	64	4.8						

VOLTAGE CHART


IC NBR	PIN	VHF		VHF III	UHF	AIR	AIR 300 MARKS	RE MARKS
		LOW	HIGH					
201	1	1.3						
	2	0						
	3	↓						
	4	↓						
	5	0						
	6	3.9						
	7	7.7						
	8	3.8						
	9	1.3						
	10							
	11							
	12							
	13							
	14	0.9						
	15	1.6						
	16	2.6						
	17	0						
	18	0						
	19	3.5						
	20	3.0						
	21	3.6						
	22							
	23							
	24	7.7						
	25	0						
	26	0.5						
	27	0						
	28	1.3						
	29	7.7						

VOLTAGE CHART

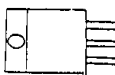
IC NBR	PIN	VHF LOW	VHF HI	UHF	AIR	800 MARKS	RE MARKS
401	13	0	4.8				
	14						
	15	0					
601	1		13.8				
	2	0					
701	1		2.3				
	2		2.5				
	3						
	4		4.9				
	5						
	6		0				
	7						
	8		8.2				
702	1		4.9				
	2		0				
	3						
	4		4.9				
	5						
	6		9.5				
	7		16.5				
801	1		4.9				
	2						
	3		7.7				
	4		0				
	5						
	6		9.5				
	7		16.5				
	8		4.9				



IC203
IC204
IC208



IC5
IC202



IC601

VOLTAGE CHART

IC NBR	PIN	VHF LOW	VHF HI	UHF	AIR	800 MARKS	RE MARKS
207	7		0				
	8		5.0				
	9		0.5				
	10		4.8				
	11						
	12						
	13						
	14						
	15			3.5			
	16						
	17						
	18						
208	1		0.6				
	2		7.8				
	3		5.6				
301	1		0				
	2		3.2				
	3		1.8				
	4		0				
	5		3.2				
	6		2.8				
	7		3.9				
	8		5.0				
401	1		5.0				
	2		4.3				
	3		4.9				
	4		5.0				
	5		1.1				
	6						
	7						
	8		5.0				
	9		3.2				
	10		1.3				
	11		2.0				
	12		2.4				

5. PARTS PRICE LIST

Parts price is subject to change without notice.

UCA PARTS PRICE LIST

(MODEL)

BC-200/205XL2

(SYMBOL)	(PARTS CODE)	(DESCRIPTION)		(QTY)	(LIST PRICE)
	SSCW192605N	SCREW: BIND HD +	M2.6X5 NI	2	\$ 0.05
	SSCW192620B	SCREW: BIND HD +	M2.6X20 BNI	2	\$ 0.05
	SSCW193005N	SCREW: BIND HD +	M3X5 NI	1	\$ 0.01
	SSCW343006B	SCREW: TAPTIGHT BIND HD +	M3X6 BNI	2	\$ 0.03
	SSCW802005N	SCREW: P TIGHT BIND HD+	D2X5 NI	9	\$ 0.02
	SSCW802608N	SCREW: P TIGHT BIND HD +	D2.6X8 NI	2	\$ 0.02
	SSCW192605N	SCREW: BIND HD +	M2.6X5 NI	1	\$ 0.05
B001	BPHY0068AAZ	PC BOARD: MAIN	PH-068AA	1	\$ 15.34
B201	BPHY0069AAZ	PC BOARD: MICOM	PH-069AA	1	\$ 15.23
B301	BPHY0058ABZ	PC BOARD: WINDOW	PH-058AB	1	\$ 1.01
B401	BPHY0057ABZ	PC BOARD: IF	PH-057AB	1	\$ 1.56
B601	BPHY0055ABZ	PC BOARD: REG	PH-055AB	1	\$ 0.58
B701	BPHY0066AAZ	PC BOARD: PLL	PH-066AA	1	\$ 3.23
B801	BPHY0056ABZ	PC BOARD: 800MHZ	PH-056AB	1	\$ 2.24
C001	BCWJ511026Z	C: CYLINDER-CERAMIC TAPE	0.001UF 25V M Y C-161	1	\$ 0.16
C002	BCWK813091Z	C: CYLINDER-CERAMIC TAPE	3PF 50V C CJ C-161	1	\$ 0.17
C003				1	\$ 0.17
C004	BCXL815604Z	C: CERAMIC M/L (2125) TAPE	56PF 50V J UJ	1	\$ 0.17
C005	BCWD812704Z	C: CYLINDER-CERAMIC TAPE	27PF 50V J UJ C-161	1	\$ 0.16
C006	BCWA811002Z	C: CYLINDER-CERAMIC TAPE	10PF 50V D CH C-161	1	\$ 0.17
C008	BCWF811015Z	C: CYLINDER-CERAMIC TAPE	100PF 50V K A C-161	1	\$ 0.16
C010				1	\$ 0.16
C011	BCWC811091Z	C: CYLINDER-CERAMIC TAPE	1PF 50V C CK C-161	1	\$ 0.17
C012	BCXG813304Z	C: CERAMIC M/L (2125) TAPE	33PF 50V J CG	1	\$ 0.23
C013	BCWJ511026Z	C: CYLINDER-CERAMIC TAPE	0.001UF 25V M Y C-161	1	\$ 0.16
C014	BCWJ213326Z	C: CYLINDER-CERAMIC TAPE	0.0033UF 12V M Y C-161	1	\$ 0.16
C015	BCXJ811035Z	C: CERAMIC M/L (2125) TAPE	0.01UF 50V K C(B)	1	\$ 0.39
C016				1	\$ 0.39
C017	BCWA811504Z	C: CYLINDER-CERAMIC TAPE	15PF 50V J CH C-161	1	\$ 0.17
C018	BCWE812704Z	C: CYLINDER-CERAMIC TAPE	27PF 50V J SL C-161	1	\$ 0.16
C019	BCXJ811035Z	C: CERAMIC M/L (2125) TAPE	0.01UF 50V K C(B)	1	\$ 0.39
C020	BCSH311096Z	CAPACITOR: TANTALUM CHIP	1UF 16V M C-122 TAPE	1	\$ 1.29
C021	BCXK811040Z	C: CERAMIC M/L (2125) TAPE	0.1UF 50V Z F	1	\$ 0.49
C023	BCER813396Z	CAPACITOR: ELECTROLYTIC	3.3UF 50V M C-095	1	\$ 0.28
C024	BCER902206Z	CAPACITOR: ELECTROLYTIC	22UF 6.3V M C-095	1	\$ 0.40
C025	BCXK814730Z	C: CERAMIC M/L (2125) TAPE	0.047UF 50V Z F	1	\$ 0.33
C026				1	\$ 0.33
C027	BCXJ513335Z	C: CERAMIC M/L (2125) TAPE	0.033UF 25V K C(B)	1	\$ 0.64
C028	BCXJ816825Z	C: CERAMIC M/L (2125) TAPE	0.0068UF 50V K C(B)	1	\$ 0.39
C029	BCXJ818225Z	C: CERAMIC M/L (2125) TAPE	0.0082UF 50V K C(B)	1	\$ 0.39
C031	BCWF811015Z	C: CYLINDER-CERAMIC TAPE	100PF 50V K A C-161	1	\$ 0.16
C032	BCXJ812225Z	C: CERAMIC M/L (2125) TAPE	0.0022UF 50V K C(B)	1	\$ 0.26
C034	BCXJ814725Z	C: CERAMIC M/L (2125) TAPE	0.0047UF 50V K C(B)	1	\$ 0.28
C035	BCXJ812235Z	C: CERAMIC M/L (2125) TAPE	0.022UF 50V K C(B)	1	\$ 0.49
C036	BCAZ112216Z	CAPACITOR: ELECTROLYTIC	220UF 10V M C-156	1	\$ 0.49
C037	BCER514796Z	CAPACITOR: ELECTROLYTIC	4.7UF 25V M C-095	1	\$ 0.28
C038	BCER111016Z	CAPACITOR: ELECTROLYTIC	100UF 10V M C-095	1	\$ 0.28

C039	BCXK816830Z	C:CERAMIC M/L (2125) TAPE	0.068UF 50V Z F		1	\$	0.21
C041	BCER111016Z	CAPACITOR:ELECTROLYTIC	100UF 10V M C-095		1	\$	0.28
C042	BCWE814704Z	C:CYLINDER-CERAMIC TAPE	47PF 50V J SL	C-161	1	\$	0.16
C044	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C045	BCWE813304Z	C:CYLINDER-CERAMIC TAPE	33PF 50V J SL	C-161	1	\$	0.16
C046	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C047					1	\$	0.16
C048	BCWG812091Z	C:CYLINDER-CERAMIC TAPE	2P 50V C CK	C-161	1	\$	0.17
C049	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C051	BCXL814704Z	C:CERAMIC M/L (2125) TAPE	47PF 50V J UJ		1	\$	0.17
C052	BCWA815091Z	C:CYLINDER-CERAMIC TAPE	5PF 50V C CH	C-161	1	\$	0.17
C054	BCWG812215Z	C:CYLINDER-CERAMIC TAPE	220PF 50V K B	C-161	1	\$	0.16
C055	BCAZ112216Z	CAPACITOR:ELECTROLYTIC	220UF 10V M C-156		1	\$	0.49
C056	BCAJ314706Z	CAPACITOR:ELECTROLYTIC	47UF 16V M C-158		1	\$	0.53
C058	BCXJ811035Z	C:CERAMIC M/L (2125) TAPE	0.01UF 50V K C(B)		1	\$	0.39
C059	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C060	BCKB811025Z	CAPACITOR:CERAMIC	0.001UF 50V K YB(B)		1	\$	0.16
C061	BCWA819092Z	C:CYLINDER-CERAMIC TAPE	9PF 50V D CH	C-161	1	\$	0.17
C062	BCWD812204Z	C:CYLINDER-CERAMIC TAPE	22PF 50V J UJ	C-161	1	\$	0.16
C063	BCXJ811035Z	C:CERAMIC M/L (2125) TAPE	0.01UF 50V K C(B)		1	\$	0.39
C064	BCWA811504Z	C:CYLINDER-CERAMIC TAPE	15PF 50V J CH	C-161	1	\$	0.17
C065	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C066	BCXJ811035Z	C:CERAMIC M/L (2125) TAPE	0.01UF 50V K C(B)		1	\$	0.39
C067	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C068	BCWE813904Z	C:CYLINDER-CERAMIC TAPE	39PF 50V J SL	C-161	1	\$	0.16
C069	BCWG814715Z	C:CYLINDER-CERAMIC TAPE	470PF 50V K B	C-161	1	\$	0.16
C071	BCER514796Z	CAPACITOR:ELECTROLYTIC	4.7UF 25V M C-095		1	\$	0.28
C072	BCXJ811035Z	C:CERAMIC M/L (2125) TAPE	0.01UF 50V K C(B)		1	\$	0.39
C073	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C074					1	\$	0.16
C075	BCXG813304Z	C:CERAMIC M/L (2125) TAPE	33PF 50V J CG		1	\$	0.23
C076	BCWG813315Z	C:CYLINDER-CERAMIC TAPE	330PF 50V K B	C-161	1	\$	0.16
C077	BCER904706Z	CAPACITOR:ELECTROLYTIC	47UF 6.3V M C-095		1	\$	0.40
C078	BCXJ811035Z	C:CERAMIC M/L (2125) TAPE	0.01UF 50V K C(B)		1	\$	0.39
C079					1	\$	0.39
C201	BCXE812235Z	C:CERAMIC M/L (3216) TAPE	0.022UF 50V K C(B)		1	\$	0.28
C203					1	\$	0.28
C204					1	\$	0.28
C205	BCXE814735Z	C:CERAMIC M/L (3216) TAPE	0.047UF 50V K C(B)		1	\$	0.56
C208	BCXE812235Z	C:CERAMIC M/L (3216) TAPE	0.022UF 50V K C(B)		1	\$	0.28
C209					1	\$	0.28
C211					1	\$	0.28
C212					1	\$	0.28
C213	BCXE811035Z	C:CERAMIC M/L (3216) TAPE	0.01UF 50V K C(B)		1	\$	0.30
C214	BCAJ904706Z	CAPACITOR:ELECTROLYTIC	47UF 6.3V M C-158		1	\$	0.49
C215	BCXE812235Z	C:CERAMIC M/L (3216) TAPE	0.022UF 50V K C(B)		1	\$	0.28
C216	BCAJ901016Z	CAPACITOR:ELECTROLYTIC	100UF 6.3V M C-158		1	\$	0.65
C217	BCGC511035Z	CAPACITOR:SEMI CONDUCTOR(SR)	0.01UF 25V K		1	\$	0.23
C301	BCSH661086Z	CAPACITOR:TANTALUM CHIP	0.1UF 35V M C-122 TAPE		1	\$	1.29
C302	BCSH703396Z	CAPACITOR:TANTALUM CHIP	3.3UF 4V M C-122 TAPE		1	\$	1.29
C401	BCSH662286Z	CAPACITOR:TANTALUM CHIP	0.22UF 35V M C-122 TAPE		1	\$	1.29
C402	BCXK814730Z	C:CERAMIC M/L (2125) TAPE	0.047UF 50V Z F		1	\$	0.33
C403	BCXK811040Z	C:CERAMIC M/L (2125) TAPE	0.1UF 50V Z F		1	\$	0.49
C404					1	\$	0.49
C405	BCXG813304Z	C:CERAMIC M/L (2125) TAPE	33PF 50V J CG		1	\$	0.23

C406	BCXJ814715Z	C:CERAMIC M/L (2125) TAPE	470PF 50V K C(B)		1	\$	0.23
C407	8CXJ814725Z	C:CERAMIC M/L (2125) TAPE	0.0047UF 50V K C(B)		1	\$	0.28
C408	BCXJ814715Z	C:CERAMIC M/L (2125) TAPE	470PF 50V K C(B)		1	\$	0.23
C409	BCXJ811225Z	C:CERAMIC M/L (2125) TAPE	0.0012UF 50V K C(B)		1	\$	0.26
C411	BCXJ811035Z	C:CERAMIC M/L (2125) TAPE	0.01UF 50V K C(B)		1	\$	0.39
C412	8CXJ814725Z	C:CERAMIC M/L (2125) TAPE	0.0047UF 50V K C(B)		1	\$	0.28
C413	BESH661086Z	CAPACITOR:TANTALUM CHIP	0.1UF 35V M C-122 TAPE		1	\$	1.29
C414	BCXG811014Z	C:CERAMIC M/L (2125) TAPE	100PF 50V J CG		1	\$	0.24
C415	BCXJ811035Z	C:CERAMIC M/L (2125) TAPE	0.01UF 50V K C(B)		1	\$	0.39
C601	BCKG812230Z	CAPACITOR:CERAMIC	0.022UF 50V Z YF		1	\$	0.23
C601	BCKC812230Z	CAPACITOR:CERAMIC	0.022UF 50V Z ZF		1	\$	0.23
ONLY FOR BC205XLT							
C701	BCWJ213326Z	C:CYLINDER-CERAMIC TAPE	0.0033UF 12V M Y	C-161	1	\$	0.16
C702	BCXK813330Z	C:CERAMIC M/L (2125) TAPE	0.033UF 50V Z F		1	\$	0.33
C703	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C704	BCWL811591Z	C:CYLINDER-CERAMIC TAPE	1.5PF 50V C UK	C-161	1	\$	0.15
C705	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C706	BCW812704Z	C:CYLINDER-CERAMIC TAPE	27PF 50V J UJ	C-161	1	\$	0.16
C707	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C708					1	\$	0.16
C709	BCXK812230Z	C:CERAMIC M/L (2125) TAPE	0.022UF 50V Z F		1	\$	0.33
C711	BCWE814704Z	C:CYLINDER-CERAMIC TAPE	47PF 50V J SL	C-161	1	\$	0.16
C712	BCWJ213326Z	C:CYLINDER-CERAMIC TAPE	0.0033UF 12V M Y	C-161	1	\$	0.16
C713	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C714	BCAJ901016Z	CAPACITOR:ELECTROLYTIC	100UF 6.3V M C-158		1	\$	0.65
C716	BCXG811804Z	C:CERAMIC M/L (2125) TAPE	18PF 50V J CG		1	\$	0.23
C717	BCXG813904Z	C:CERAMIC M/L (2125) TAPE	39PF 50V J CG		1	\$	0.23
C718	BCWE811002Z	C:CYLINDER-CERAMIC TAPE	10PF 50V D SL	C-161	1	\$	0.16
C719					1	\$	0.16
C721	BCQX911044Z	CAPACITOR:MYLAR(MKT)	0.1UF 63V J	C-184	1	\$	1.14
C722	BCQD814724Z	CAPACITOR:MYLAR	0.0047UF 50V J	C-114	1	\$	0.13
C723					1	\$	0.13
C724	BCAJ512206Z	CAPACITOR:ELECTROLYTIC	22UF 25V M C-158		1	\$	0.32
C725	BCWJ511026Z	C:CYLINDER-CERAMIC TAPE	0.001UF 25V M Y	C-161	1	\$	0.16
C801	BCWA816092Z	C:CYLINDER-CERAMIC TAPE	6PF 50V D CH	C-161	1	\$	0.17
C802	BCWK813091Z	C:CYLINDER-CERAMIC TAPE	3PF 50V C CJ	C-161	1	\$	0.17
C803	BCWA816092Z	C:CYLINDER-CERAMIC TAPE	6PF 50V D CH	C-161	1	\$	0.17
C804	BCWA814091Z	C:CYLINDER-CERAMIC TAPE	4PF 50V C CH	C-161	1	\$	0.17
C805	BCWA818092Z	C:CYLINDER-CERAMIC TAPE	8PF 50V D CH	C-161	1	\$	0.17
C807	BCWC811091Z	C:CYLINDER-CERAMIC TAPE	1PF 50V C CK	C-161	1	\$	0.17
C808	BCWG814715Z	C:CYLINDER-CERAMIC TAPE	470PF 50V K B	C-161	1	\$	0.16
C810	BCWE813304Z	C:CYLINDER-CERAMIC TAPE	33PF 50V J SL	C-161	1	\$	0.16
C811					1	\$	0.16
C812	BCXJ811035Z	C:CERAMIC M/L (2125) TAPE	0.01UF 50V K C(B)		1	\$	0.39
C813	BCWE812704Z	C:CYLINDER-CERAMIC TAPE	27PF 50V J SL	C-161	1	\$	0.16
C814	BCWE814704Z	C:CYLINDER-CERAMIC TAPE	47PF 50V J SL	C-161	1	\$	0.16
C815	BCWA811002Z	C:CYLINDER-CERAMIC TAPE	10PF 50V D CH	C-161	1	\$	0.17
C816	BCWA815091Z	C:CYLINDER-CERAMIC TAPE	5PF 50V C CH	C-161	1	\$	0.17
C818	BCWA819092Z	C:CYLINDER-CERAMIC TAPE	9PF 50V D CH	C-161	1	\$	0.17
C819	BCWK813092Z	C:CYLINDER-CERAMIC TAPE	3PF 50V D CJ	C-161	1	\$	0.17
C820	BCWA819092Z	C:CYLINDER-CERAMIC TAPE	9PF 50V D CH	C-161	1	\$	0.17
D001	BDAY0393001	DIODE	HSK120TR TAPING		1	\$	0.16
D002	BDAY0400001	DIODE	HSK110TR TAPING		1	\$	0.46
D003					1	\$	0.46
D004	BDAY0399001	DIODE:VARICAP	1SV201-4 TAPING		1	\$	1.45

D005				1	\$	1.45
D006	BDAY0393001	DIODE	HSK120TR TAPING	1	\$	0.16
D007				1	\$	0.16
D008				1	\$	0.16
D009				1	\$	0.16
D011	BDAY0400001	DIODE	HSK110TR TAPING	1	\$	0.46
D012	BDAY0399001	DIODE:VARICAP	1SV201-4 TAPING	1	\$	1.45
D013	BDAY0400001	DIODE	HSK110TR TAPING	1	\$	0.46
D014	BDAY0399001	DIODE:VARICAP	1SV201-4 TAPING	1	\$	1.45
D015	BDAY0400001	DIODE	HSK110TR TAPING	1	\$	0.46
D016	BDAY0399001	DIODE:VARICAP	1SV201-4 TAPING	1	\$	1.45
D017	BDAY0400001	DIODE	HSK110TR TAPING	1	\$	0.46
D018				1	\$	0.46
D019				1	\$	0.46
D021	BDAY0256001	DIODE	1SS184 TAPING	1	\$	0.42
D023	BDAY0400001	DIODE	HSK110TR TAPING	1	\$	0.46
D024				1	\$	0.46
D025	BDAY0399001	DIODE:VARICAP	1SV201-4 TAPING	1	\$	1.45
D026				1	\$	1.45
D027	BDAY0400001	DIODE	HSK110TR TAPING	1	\$	0.46
D028				1	\$	0.46
D029	BDAY0393001	DIODE	HSK120TR TAPING	1	\$	0.16
D031	BDAY0256001	DIODE	1SS184 TAPING	1	\$	0.42
D033	BDAY0393001	DIODE	HSK120TR TAPING	1	\$	0.16
D201	BDAY0449001	DIODE:LED	LT9315E	1	\$	7.23
D202	BDAY0393001	DIODE	HSK120TR TAPING	1	\$	0.16
D203	BDAY0441001	DIODE:ZENNER	HZK3CLL01-TR TAPING	1	\$	0.80
D301	BDAY0393001	DIODE	HSK120TR TAPING	1	\$	0.16
D401	BDAY0346001	DIODE	HSM88ASTL TAPING	1	\$	1.39
D601	BDAY0133001	DIODE	1N4003	1	\$	0.21
D602	BDAY0430001	DIODE:LED	SLP-1358	1	\$	0.42
D603	BDAY0409001	DIODE	HRP22	1	\$	1.06
D701	BDAY0399001	DIODE:VARICAP	1SV201-4 TAPING	1	\$	1.45
D702	BDAY0400001	DIODE	HSK110TR TAPING	1	\$	0.46
D703				1	\$	0.46
D704	BDAY0399001	DIODE:VARICAP	1SV201-4 TAPING	1	\$	1.45
D705	BDAY0400001	DIODE	HSK110TR TAPING	1	\$	0.46
D708	BDAY0256001	DIODE	1SS184 TAPING	1	\$	0.42
J001	BJKY0367001	JACK	JK-367 HSJ1045-01-010	1	\$	1.29
J002	BJKY0447016	JACK	JK-447 69308-016 16P	1	\$	4.45
J501	BJKY0205001	JACK	JK-205 ENC-RM 105-M	1	\$	3.40
J601	BJKY0234001	JACK	JK-234 DC JACK MA-13	1	\$	0.46
J701	BJKY0039004	JACK	JK-039 3022-04A	1	\$	0.66
J702	BJKY0039003	JACK	JK-039 3022-3A	1	\$	0.51
J703				1	\$	0.51
J704				1	\$	0.51
L001	BLEY0366001	COIL	LE-366	1	\$	0.30
L002	BLEY0201001	COIL	LE-201 D2.4 3 1/2T	1	\$	0.19
L003	BLEY0353001	COIL	LE-353 D6.35 1/2T	1	\$	0.30
L004	BLFY0114001	COIL	LF-114 332PC-2592N	1	\$	2.51
L005	BLZY0051120	INDUCTOR:MOLDED	LZ-051 SP0305-120K 12UH	1	\$	0.34
L006	BLDY0170001	COIL	LD-170 L6RH1.7*3.5*0.7	1	\$	0.11
L007	BLBY0607001	COIL	LB-607 291XN-4031X	1	\$	2.44
L008	BLEY0293001	COIL	LE-293 D6.96 1/2T	1	\$	0.05
L009	BLFY0149001	COIL	LF-149 5PNR-2736Z	1	\$	2.79

L011	BLBY0569001	COIL	LB-569 291XN-3504X	1	\$	1.64
L012	BLBY0643001	COIL	LB-643 291XN-40301B	1	\$	2.44
L013	BLCY0209001	COIL	LC-209	1	\$	1.45
L014	BLEY0127001	COIL	LE-127 D2.5 2 1/2T	1	\$	0.21
L016				1	\$	0.21
L401	BLFY0107001	COIL	LF-107	1	\$	2.76
L701	BLBY0568001	COIL	LB-568 V8363SN-0991B	1	\$	1.84
L702	BLBY0644001	COIL	LB-644 V8363SN-1201B	1	\$	2.83
L703	BLZY0052228	INDUCTOR:MOLDED	LZ-052 SP0305-R22K 0.22UH	1	\$	0.34
L704	BLZY0052568	INDUCTOR:MOLDED	LZ-052 SP0305-R56K 0.56UH	1	\$	0.34
L705	BLDY0087001	COIL	LD-087 BF04-3*5*1	1	\$	0.07
L801	BLEY0351001	COIL	LE-351 D3.6 1/2T	1	\$	0.09
L802				1	\$	0.09
L805	BLEY0127001	COIL	LE-127 D2.5 2 1/2T	1	\$	0.21
L806	BLEY0294001	COIL	LE-294 D6.35 1/2T	1	\$	0.05
L807	BLEY0351001	COIL	LE-351 D3.6 1/2T	1	\$	0.09
P201	BPGY0125016	PLUG	PG-125 16P	1	\$	5.10
Q001	BDBC3128000	TRANSISTOR	DB-386 2SC3128	1	\$	1.89
Q002	BDBC3704000	TRANSISTOR	DB-717 2SC3704 TAPING	1	\$	2.76
Q003	BDBC3121000	TRANSISTOR	DB-724 2SC3121 TAPING	1	\$	1.14
Q004	BDBC2714114	TRANSISTOR	DB-718 2SC2714-0 TAPING	1	\$	0.54
Q005	BDBC2668114	TRANSISTOR	DB-341 2SC2668-0	1	\$	0.39
Q006	BDBC2812642	TRANSISTOR	DB-743 2SC2812-L5 TAPING	1	\$	0.32
Q007	BDBZ0573001	TRANSISTOR	DB-573 RT1N141C-T12-1TAPE	1	\$	0.40
Q008	BDBC2812642	TRANSISTOR	DB-743 2SC2812-L5 TAPING	1	\$	0.32
Q009	BDBD1676000	TRANSISTOR	DB-439 2SD1676	1	\$	0.73
Q011	BDBZ0566001	TRANSISTOR	DB-566 RT1N441C-T12-1TAPE	1	\$	0.40
Q201	BDBB0815724	TRANSISTOR	DB-125 2SB815-B6-YDK TAPE	1	\$	0.56
Q202	BDBZ0573001	TRANSISTOR	DB-573 RT1N141C-T12-1TAPE	1	\$	0.40
Q203	BDBZ0565001	TRANSISTOR	DB-565 RT1P144C-T12-1TAPE	1	\$	0.40
Q204				1	\$	0.40
Q205	BDBC2812642	TRANSISTOR	DB-743 2SC2812-L5 TAPING	1	\$	0.32
Q206	BDBZ0565001	TRANSISTOR	DB-565 RT1P144C-T12-1TAPE	1	\$	0.40
Q207	BDBD177549	TRANSISTOR	DB-441 2SD1777C1-TR TAPE	1	\$	0.71
Q208				1	\$	0.71
Q209	BDBZ0573001	TRANSISTOR	DB-573 RT1N141C-T12-1TAPE	1	\$	0.40
Q301				1	\$	0.40
Q302	BDBC2812642	TRANSISTOR	DB-743 2SC2812-L5 TAPING	1	\$	0.32
Q303	BDBZ0573001	TRANSISTOR	DB-573 RT1N141C-T12-1TAPE	1	\$	0.40
Q701	BDBC3121000	TRANSISTOR	DB-724 2SC3121 TAPING	1	\$	1.14
Q702				1	\$	1.14
Q703				1	\$	1.14
Q704	BDBA1162124	TRANSISTOR	DB-036 2SA1162-Y TAPING	1	\$	0.49
Q705	BDBZ0549001	TRANSISTOR	DB-549 DTA143XS	1	\$	0.61
Q706	BDBC3121000	TRANSISTOR	DB-724 2SC3121 TAPING	1	\$	1.14
Q707				1	\$	1.14
Q708	BDBA1162124	TRANSISTOR	DB-036 2SA1162-Y TAPING	1	\$	0.49
Q709	BDBC3121000	TRANSISTOR	DB-724 2SC3121 TAPING	1	\$	1.14
Q801	BDBC3704000	TRANSISTOR	DB-717 2SC3704 TAPING	1	\$	2.76
Q802				1	\$	2.76
Q803	BDBC3121000	TRANSISTOR	DB-724 2SC3121 TAPING	1	\$	1.14
Q804	BDBC3704000	TRANSISTOR	DB-717 2SC3704 TAPING	1	\$	2.76
R001	BRFC015614Z	RESISTOR:CARBON FIXED CHIP	560 1/10W J TAPING	1	\$	0.12
R002	BRFC012724Z	RESISTOR:CARBON FIXED CHIP	2.7K 1/10W J TAPING	1	\$	0.12
R003				1	\$	0.12

R004	BRFC013334Z	RESISTOR:CARBON FIXED CHIP	33K 1/10W J TAPING	1	\$	0.12
R005	BRFC014734Z	RESISTOR:CARBON FIXED CHIP	47K 1/10W J TAPING	1	\$	0.12
R006	BRFC013904Z	RESISTOR:CARBON FIXED CHIP	39 1/10W J TAPING	1	\$	0.12
R007	BRFC011014Z	RESISTOR:CARBON FIXED CHIP	100 1/10W J TAPING	1	\$	0.12
R008	BRFC013334Z	RESISTOR:CARBON FIXED CHIP	33K 1/10W J TAPING	1	\$	0.12
R008	BRFC013324Z	RESISTOR:CARBON FIXED CHIP	3.3K 1/10W J TAPING	1	\$	0.12
ONLY FOR BC205XLT						
R009	BRFC013944Z	RESISTOR:CARBON FIXED CHIP	390K 1/10W J TAPING	1	\$	0.12
R011	BRFC011024Z	RESISTOR:CARBON FIXED CHIP	1K 1/10W J TAPING	1	\$	0.12
R012	BRFC011014Z	RESISTOR:CARBON FIXED CHIP	100 1/10W J TAPING	1	\$	0.12
R013	BRFC013324Z	RESISTOR:CARBON FIXED CHIP	3.3K 1/10W J TAPING	1	\$	0.12
R014	BRFC011244Z	RESISTOR:CARBON FIXED CHIP	120K 1/10W J TAPING	1	\$	0.12
R015	BRFC012244Z	RESISTOR:CARBON FIXED CHIP	220K 1/10W J TAPING	1	\$	0.12
R016	BRFC014724Z	RESISTOR:CARBON FIXED CHIP	4.7K 1/10W J TAPING	1	\$	0.12
R017	BRFC012224Z	RESISTOR:CARBON FIXED CHIP	2.2K 1/10W J TAPING	1	\$	0.12
R018	BRFT181534Z	R:CARBON AXIAL LEAD(TAPE)	15K 1/8W J	1	\$	0.03
R019	BRFC011024Z	RESISTOR:CARBON FIXED CHIP	1K 1/10W J TAPING	1	\$	0.12
R021	BRFC011034Z	RESISTOR:CARBON FIXED CHIP	10K 1/10W J TAPING	1	\$	0.12
R022	BRFC012234Z	RESISTOR:CARBON FIXED CHIP	22K 1/10W J TAPING	1	\$	0.12
R023	BRFC018244Z	RESISTOR:CARBON FIXED CHIP	820K 1/10W J TAPING	1	\$	0.09
R024	BRFC011034Z	RESISTOR:CARBON FIXED CHIP	10K 1/10W J TAPING	1	\$	0.12
R027	BRFC014724Z	RESISTOR:CARBON FIXED CHIP	4.7K 1/10W J TAPING	1	\$	0.12
R028	BRFC011234Z	RESISTOR:CARBON FIXED CHIP	12K 1/10W J TAPING	1	\$	0.12
R029	BRFC014724Z	RESISTOR:CARBON FIXED CHIP	4.7K 1/10W J TAPING	1	\$	0.12
R031	BRFC011534Z	RESISTOR:CARBON FIXED CHIP	15K 1/10W J TAPING	1	\$	0.12
R032	BRFC012234Z	RESISTOR:CARBON FIXED CHIP	22K 1/10W J TAPING	1	\$	0.12
R033	BRFC015634Z	RESISTOR:CARBON FIXED CHIP	56K 1/10W J TAPING	1	\$	0.12
R034	BRFC014734Z	RESISTOR:CARBON FIXED CHIP	47K 1/10W J TAPING	1	\$	0.12
R035	BRFC012704Z	RESISTOR:CARBON FIXED CHIP	27 1/10W J TAPING	1	\$	0.12
R036	BRFC012294Z	RESISTOR:CARBON FIXED CHIP	2.2 1/10W J TAPING	1	\$	0.12
R041	BRFT612724Z	R:CARBON AXIAL LEAD(TAPE)	2.7K 1/6W J	1	\$	0.05
R042	BRFT184734Z	R:CARBON AXIAL LEAD(TAPE)	47K 1/8W J	1	\$	0.03
R043	BRFC012724Z	RESISTOR:CARBON FIXED CHIP	2.7K 1/10W J TAPING	1	\$	0.12
R044	BRFC011524Z	RESISTOR:CARBON FIXED CHIP	1.5K 1/10W J TAPING	1	\$	0.12
R045	BRUB611024Z	RESISTOR:CARBON FORMED VERT	1K 1/6W J	1	\$	0.07
R046	BRFC013944Z	RESISTOR:CARBON FIXED CHIP	390K 1/10W J TAPING	1	\$	0.12
R047	BRFC011814Z	RESISTOR:CARBON FIXED CHIP	180 1/10W J TAPING	1	\$	0.12
R049	BRFC012294Z	RESISTOR:CARBON FIXED CHIP	2.2 1/10W J TAPING	1	\$	0.12
R050	BRFT185084Z	R:CARBON AXIAL LEAD(TAPE)	0.5 1/8W J	1	\$	0.03
R051	BRFC013324Z	RESISTOR:CARBON FIXED CHIP	3.3K 1/10W J TAPING	1	\$	0.12
R052	BRFC013934Z	RESISTOR:CARBON FIXED CHIP	39K 1/10W J TAPING	1	\$	0.12
R053	BRUB612724Z	RESISTOR:CARBON FORMED VERT	2.7K 1/6W J	1	\$	0.07
R054	BRFC014734Z	RESISTOR:CARBON FIXED CHIP	47K 1/10W J TAPING	1	\$	0.12
R055	BRFC012724Z	RESISTOR:CARBON FIXED CHIP	2.7K 1/10W J TAPING	1	\$	0.12
R056				1	\$	0.12
R057	BRFC011024Z	RESISTOR:CARBON FIXED CHIP	1K 1/10W J TAPING	1	\$	0.12
R058				1	\$	0.12
R059	BRFC011014Z	RESISTOR:CARBON FIXED CHIP	100 1/10W J TAPING	1	\$	0.12
R061	BRFC013324Z	RESISTOR:CARBON FIXED CHIP	3.3K 1/10W J TAPING	1	\$	0.12
R062	BRFC014734Z	RESISTOR:CARBON FIXED CHIP	47K 1/10W J TAPING	1	\$	0.12
R063	BRFC011014Z	RESISTOR:CARBON FIXED CHIP	100 1/10W J TAPING	1	\$	0.12
R064				1	\$	0.12
R065	BRFT181534Z	R:CARBON AXIAL LEAD(TAPE)	15K 1/8W J	1	\$	0.03
R201	BRFD181044Z	RESISTOR:CARBON MELF CHIP	100K 1/8W J TAPING	1	\$	0.09
R202				1	\$	0.09

R203				1	\$	0.09
R204	BRFD184734Z	RESISTOR:CARBON MELF CHIP	47K 1/8W J TAPING	1	\$	0.09
R205	BRFD184724Z	RESISTOR:CARBON MELF CHIP	4.7K 1/8W J TAPING	1	\$	0.09
R206	BRFD182224Z	RESISTOR:CARBON MELF CHIP	2.2K 1/8W J TAPING	1	\$	0.09
R208	BRFD181544Z	RESISTOR:CARBON MELF CHIP	150K 1/8W J TAPING	1	\$	0.09
R209	BRFD184744Z	RESISTOR:CARBON MELF CHIP	470K 1/8W J TAPING	1	\$	0.09
R211	BRFD181544Z	RESISTOR:CARBON MELF CHIP	150K 1/8W J TAPING	1	\$	0.09
R212	BRFD181054Z	RESISTOR:CARBON MELF CHIP	1M 1/8W J TAPING	1	\$	0.09
R213	BRFD186824Z	RESISTOR:CARBON MELF CHIP	6.8K 1/8W J TAPING	1	\$	0.09
R215	BRFD181034Z	RESISTOR:CARBON MELF CHIP	10K 1/8W J TAPING	1	\$	0.09
R216	BRFD181054Z	RESISTOR:CARBON MELF CHIP	1M 1/8W J TAPING	1	\$	0.09
R217	BRFD184794Z	RESISTOR:CARBON MELF CHIP	4.7 1/8W J TAPING	1	\$	0.09
R218	BRFD182234Z	RESISTOR:CARBON MELF CHIP	22K 1/8W J TAPING	1	\$	0.09
R219				1	\$	0.09
R222	BRFD181004Z	RESISTOR:CARBON MELF CHIP	10 1/8W J TAPING	1	\$	0.09
R223				1	\$	0.09
R225	BRFD181044Z	RESISTOR:CARBON MELF CHIP	100K 1/8W J TAPING	1	\$	0.09
R226				1	\$	0.09
R227				1	\$	0.09
R228	BRFC182247Z	RESISTOR:CARBON FIXED CHIP	220K 1/8W G TAPING	1	\$	0.21
R231	BRFD182224Z	RESISTOR:CARBON MELF CHIP	2.2K 1/8W J TAPING	1	\$	0.09
R231	BRFD182234Z	RESISTOR:CARBON MELF CHIP	22K 1/8W J TAPING	1	\$	0.09
						ONLY FOR BC205XLT
R232	BRFD182224Z	RESISTOR:CARBON MELF CHIP	2.2K 1/8W J TAPING	1	\$	0.09
R232	BRFD182234Z	RESISTOR:CARBON MELF CHIP	22K 1/8W J TAPING	1	\$	0.09
						ONLY FOR BC205XLT
R234	BRFD181244Z	RESISTOR:CARBON MELF CHIP	120K 1/8W J TAPING	1	\$	0.09
R235	BRFD181004Z	RESISTOR:CARBON MELF CHIP	10 1/8W J TAPING	1	\$	0.09
R236				1	\$	0.09
R237				1	\$	0.09
R239	BRFD182224Z	RESISTOR:CARBON MELF CHIP	2.2K 1/8W J TAPING	1	\$	0.09
R241				1	\$	0.09
R242	BRFD181514Z	RESISTOR:CARBON MELF CHIP	150 1/8W J TAPING	1	\$	0.09
R243	BRFD181224Z	RESISTOR:CARBON MELF CHIP	1.2K 1/8W J TAPING	1	\$	0.09
R244	BRFD181034Z	RESISTOR:CARBON MELF CHIP	10K 1/8W J TAPING	1	\$	0.09
R250	BRZY0021001	JUMPER CHIP	RZ-021 JC2A TAPING	1	\$	0.09
R251				1	\$	0.09
R252				1	\$	0.09
R253				1	\$	0.09
R254				1	\$	0.09
R255				1	\$	0.09
R301	BRFC011044Z	RESISTOR:CARBON FIXED CHIP	100K 1/10W J TAPING	1	\$	0.12
R302	BRFC013934Z	RESISTOR:CARBON FIXED CHIP	39K 1/10W J TAPING	1	\$	0.12
R303	BRFC016844Z	RESISTOR:CARBON FIXED CHIP	680K 1/10W J TAPING	1	\$	0.12
R304	BRFC011244Z	RESISTOR:CARBON FIXED CHIP	120K 1/10W J TAPING	1	\$	0.12
R305	BRFC012247Z	RESISTOR:CARBON FIXED CHIP	220K 1/10W G TAPING	1	\$	0.09
R306	BRFC013347Z	RESISTOR:CARBON FIXED CHIP	330K 1/10W G TAPING	1	\$	0.09
R307	BRFC011044Z	RESISTOR:CARBON FIXED CHIP	100K 1/10W J TAPING	1	\$	0.12
R308	BRFC018234Z	RESISTOR:CARBON FIXED CHIP	82K 1/10W J TAPING	1	\$	0.12
R309	BRFC013324Z	RESISTOR:CARBON FIXED CHIP	3.3K 1/10W J TAPING	1	\$	0.12
R310	BRFC011044Z	RESISTOR:CARBON FIXED CHIP	100K 1/10W J TAPING	1	\$	0.12
R311				1	\$	0.12
R401	BRFC014734Z	RESISTOR:CARBON FIXED CHIP	47K 1/10W J TAPING	1	\$	0.12
R402	BRFC016844Z	RESISTOR:CARBON FIXED CHIP	680K 1/10W J TAPING	1	\$	0.12
R403	BRFC011824Z	RESISTOR:CARBON FIXED CHIP	1.8K 1/10W J TAPING	1	\$	0.12

R404					1	\$	0.12
R405	BRFC014734Z	RESISTOR:CARBON FIXED CHIP	47K 1/10W J TAPING		1	\$	0.12
R406	BRFC011024Z	RESISTOR:CARBON FIXED CHIP	1K 1/10W J TAPING		1	\$	0.12
R407	BRFC014724Z	RESISTOR:CARBON FIXED CHIP	4.7K 1/10W J TAPING		1	\$	0.12
R408	BRFC018224Z	RESISTOR:CARBON FIXED CHIP	8.2K 1/10W J TAPING		1	\$	0.12
R409	BRFC011834Z	RESISTOR:CARBON FIXED CHIP	18K 1/10W J TAPING		1	\$	0.12
R410	BRFC011024Z	RESISTOR:CARBON FIXED CHIP	1K 1/10W J TAPING		1	\$	0.12
R411	BRFC012234Z	RESISTOR:CARBON FIXED CHIP	22K 1/10W J TAPING		1	\$	0.12
R412	BRFC013344Z	RESISTOR:CARBON FIXED CHIP	330K 1/10W J TAPING		1	\$	0.12
R413	BRFC013334Z	RESISTOR:CARBON FIXED CHIP	33K 1/10W J TAPING		1	\$	0.12
R601	BRFT611524Z	R:CARBON AXIAL LEAD(TAPE)	1.5K 1/6W J		1	\$	0.05
R602	BRJ002704Z	RESISTOR:METAL OXIDE	27 1WS J		1	\$	0.34
R701	BRFC011014Z	RESISTOR:CARBON FIXED CHIP	100 1/10W J TAPING		1	\$	0.12
R702	BRFC013334Z	RESISTOR:CARBON FIXED CHIP	33K 1/10W J TAPING		1	\$	0.12
R703	BRFC013314Z	RESISTOR:CARBON FIXED CHIP	330 1/10W J TAPING		1	\$	0.12
R704	BRFC014714Z	RESISTOR:CARBON FIXED CHIP	470 1/10W J TAPING		1	\$	0.12
R705	BRFC015614Z	RESISTOR:CARBON FIXED CHIP	560 1/10W J TAPING		1	\$	0.12
R706	BRFC014724Z	RESISTOR:CARBON FIXED CHIP	4.7K 1/10W J TAPING		1	\$	0.12
R707	BRFC011034Z	RESISTOR:CARBON FIXED CHIP	10K 1/10W J TAPING		1	\$	0.12
R708	BRFC014724Z	RESISTOR:CARBON FIXED CHIP	4.7K 1/10W J TAPING		1	\$	0.12
R709	BRFC014734Z	RESISTOR:CARBON FIXED CHIP	47K 1/10W J TAPING		1	\$	0.12
R711	BRFC011014Z	RESISTOR:CARBON FIXED CHIP	100 1/10W J TAPING		1	\$	0.12
R712	BRFC011824Z	RESISTOR:CARBON FIXED CHIP	1.8K 1/10W J TAPING		1	\$	0.12
R713	BRFC011014Z	RESISTOR:CARBON FIXED CHIP	100 1/10W J TAPING		1	\$	0.12
R714	BRFC011034Z	RESISTOR:CARBON FIXED CHIP	10K 1/10W J TAPING		1	\$	0.12
R715	BRFC011044Z	RESISTOR:CARBON FIXED CHIP	100K 1/10W J TAPING		1	\$	0.12
R716	BRFC011034Z	RESISTOR:CARBON FIXED CHIP	10K 1/10W J TAPING		1	\$	0.12
R717	BRFC011044Z	RESISTOR:CARBON FIXED CHIP	100K 1/10W J TAPING		1	\$	0.12
R718	BRFC011014Z	RESISTOR:CARBON FIXED CHIP	100 1/10W J TAPING		1	\$	0.12
R719	BRFC013314Z	RESISTOR:CARBON FIXED CHIP	330 1/10W J TAPING		1	\$	0.12
R722	BRFC013334Z	RESISTOR:CARBON FIXED CHIP	33K 1/10W J TAPING		1	\$	0.12
R723	BRFC011034Z	RESISTOR:CARBON FIXED CHIP	10K 1/10W J TAPING		1	\$	0.12
R724	BRFC012724Z	RESISTOR:CARBON FIXED CHIP	2.7K 1/10W J TAPING		1	\$	0.12
R725	BRFC011034Z	RESISTOR:CARBON FIXED CHIP	10K 1/10W J TAPING		1	\$	0.12
R726	BRFC012244Z	RESISTOR:CARBON FIXED CHIP	220K 1/10W J TAPING		1	\$	0.12
R727	BRFC012234Z	RESISTOR:CARBON FIXED CHIP	22K 1/10W J TAPING		1	\$	0.12
R728	BRFC011834Z	RESISTOR:CARBON FIXED CHIP	18K 1/10W J TAPING		1	\$	0.12
R729	BRFC011534Z	RESISTOR:CARBON FIXED CHIP	15K 1/10W J TAPING		1	\$	0.12
R731	BRFC011834Z	RESISTOR:CARBON FIXED CHIP	18K 1/10W J TAPING		1	\$	0.12
R732	BRFC012254Z	RESISTOR:CARBON FIXED CHIP	2.2M 1/10W J TAPING		1	\$	0.12
R733	BRFC011014Z	RESISTOR:CARBON FIXED CHIP	100 1/10W J TAPING		1	\$	0.12
R801	BRFC011544Z	RESISTOR:CARBON FIXED CHIP	150K 1/10W J TAPING		1	\$	0.12
R802	BRFC012244Z	RESISTOR:CARBON FIXED CHIP	220K 1/10W J TAPING		1	\$	0.12
R803	BRFC013324Z	RESISTOR:CARBON FIXED CHIP	3.3K 1/10W J TAPING		1	\$	0.12
R804	BRFC011514Z	RESISTOR:CARBON FIXED CHIP	150 1/10W J TAPING		1	\$	0.12
R805	BRFC012214Z	RESISTOR:CARBON FIXED CHIP	220 1/10W J TAPING		1	\$	0.12
R806	BRFC016834Z	RESISTOR:CARBON FIXED CHIP	68K 1/10W J TAPING		1	\$	0.12
R807	BRFC012214Z	RESISTOR:CARBON FIXED CHIP	220 1/10W J TAPING		1	\$	0.12
R808	BRFC014734Z	RESISTOR:CARBON FIXED CHIP	47K 1/10W J TAPING		1	\$	0.12
R809	BRFC011014Z	RESISTOR:CARBON FIXED CHIP	100 1/10W J TAPING		1	\$	0.12
R810	BRFC015694Z	RESISTOR:CARBON FIXED CHIP	5.6 1/10W J TAPING		1	\$	0.12
	CUPK005022Z	WIRE W-004	UL 1571 #26 5- 50- 5 BLK		1	\$	0.17
	CUPB005022Z	WIRE W-004	UL 1571 #26 5- 50- 5 RED		1	\$	0.17
	CUPB004541Z	WIRE W-004	UL 1571 #26 10- 45- 3 RED		1	\$	0.17
	CUPK004541Z	WIRE W-004	UL 1571 #26 10- 45- 3 BLK		1	\$	0.16

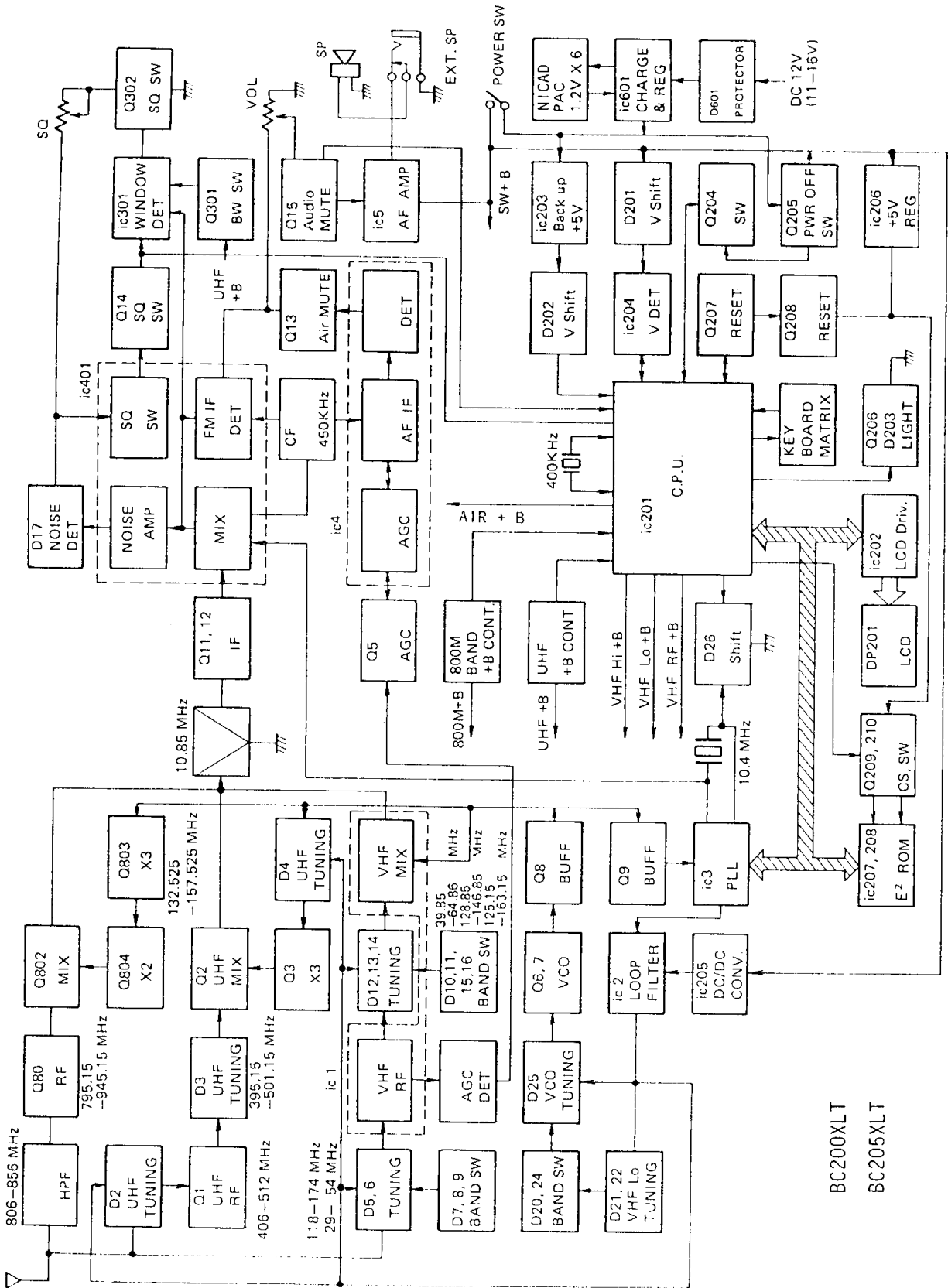
X701	BQXY0267001	CRYSTAL	QX-267 10.400MHZ	1	\$	27.72
Y201	BYYY0665001	CERAMIC RESONATOR	YY-665 CRK400	1	\$	2.76
Y501	BYYY0573001	KEY BOARD RUBBER	YY-573	1	\$	5.34
Y501	BYYY0609001	KYE BOARD RUBBER	YY-609	1	\$	5.34
						ONLY FOR BC205XLT
AD951	BYYY0450001	AC ADAPTER	YY-450 AD-140U	1	\$	23.50
AT951	BATY0094001	ANTENNA	AT-094 SAV-012303-0-AO	1	\$	25.92
BT501	BBTY0049001	BATTERY	BT-049 AA-877	1	\$	47.71
CT001	BCTY0064350	CAPACITOR:TRIMMER	CT-064 ECR-GA035M11	1	\$	2.19
CT002				1	\$	2.19
CT003				1	\$	2.19
CT701	BCTY0065500	CAPACITOR:TRIMMER	CT-065 T203Z500E 50PF	1	\$	1.98
CT702	BCTY0064200	CAPACITOR:TRIMMER	CT-064 ECR-GA020E11	1	\$	2.19
DP201	BDLY0026001	LIQUID CRYSTAL DISPLAY	DL-026	1	\$	18.04
EP951	BEPY0006001	EARPHONE	EP-006	1	\$	2.25
FT001	BFLY0246001	FILTER	FL-246 MF10.8R2	1	\$	9.13
FT401	BFLY0200001	FILTER:CERAMIC	FL-200 SFP450D	1	\$	7.28
IC001	BDEY1000001	INTEGRATED CIRCUIT	LA1600A	1	\$	2.94
IC002	BDEY0683001	INTEGRATED CIRCUIT	NJM3865-L	1	\$	4.13
IC003	BDEY1051001	INTEGRATED CIRCUIT	LA-1186N	1	\$	1.78
IC004	BDEY1154001	INTEGRATED CIRCUIT	IR3M03AN	1	\$	2.00
IC005	BDEY1268001	INTEGRATED CIRCUIT	TK11750	1	\$	3.56
IC201	BDEY1033001	INTEGRATED CIRCUIT	UC1147	1	\$	31.58
IC202	BDEY1268001	INTEGRATED CIRCUIT	TK11750	1	\$	3.56
IC203	BDEY1161001	INTEGRATED CIRCUIT	S-8054ALB-LM-T1 TAPE	1	\$	3.64
IC204	BDEY1035001	INTEGRATED CIRCUIT	S-8054-HN-CB-T1 TAPE	1	\$	3.16
IC205	BDEY1127001	INTEGRATED CIRCUIT	CXK1013P (CUT)	1	\$	14.74
IC206				1	\$	14.74
IC207	BDEY1021001	INTEGRATED:CIRCUIT	LH5008TP	1	\$	17.00
IC208	BDEY0940001	INTEGRATED CIRCUIT	S-81250HG-RD-T1 TAPING	1	\$	3.72
IC301	BDEY0703001	INTEGRATED CIRCUIT	NJM2904M	1	\$	1.87
IC401	BDEY1052001	INTEGRATED CIRCUIT	TK10421M-2	1	\$	8.34
IC601	BDEY1036001	INTEGRATED CIRCUIT	L4810CV	1	\$	7.06
IC701	BDEY0868001	INTEGRATED CIRCUIT	PLL2002A1	1	\$	28.75
IC702	BDEY0826001	INTEGRETED CIRCUIT	TLC271CP	1	\$	13.12
JP001	BYYY0052003	JUMPER WIRE	YY-052 10.0MM	1	\$	0.03
JP601	BYYY0052001	JUMPER WIRE	YY-052 5.0MM	1	\$	0.03
JP602				1	\$	0.03
SP501	BSPY0159001	SPEAKER	SP-159	1	\$	13.68
VR001	BRVY0605001	RESISTOR:VARIABLE	RV-605 RK9A10 100KA	1	\$	3.49
VR002	BRVY0604001	RESISTOR:VARIABLE	RV-604 RK9A11 100KA W/SW	1	\$	6.40
VR003	BRTY0528333	RESISTOR:SEMI-FIXED	RT-528 33KB	1	\$	1.06
	ECHF119901A	CASE:FRONT(COMP)	ABS BLACK	1	\$	6.32
	ECHF121072A	CASE:FRONT(COMP)	ABS DARK GRAY	1	\$	6.32
						ONLY FOR BC205XLT
	GCHR219903Z	CASE:REAR	ABS BLACK	1	\$	3.57
	GCHR221160Z	CASE:REAR	ABS DARK GRAY	1	\$	3.57
						ONLY FOR BC205XLT
	GCHT219904Z	CASE:TOP	ABS BLACK SILK	1	\$	1.97
	GCHT221073Z	CASE:TOP	ABS DARK GRAY	1	\$	1.97
						ONLY FOR BC205XLT
	GCHZ319905Z	BATT. CASE:FRONT	ABS BLACK	1	\$	1.37
	GCHZ321162Z	BATT. CASE:FRONT	ABS DARK GRAY	1	\$	1.37
						ONLY FOR BC205XLT
	GCHZ319906Z	BATT. CASE:REAR	ABS BLACK	1	\$	1.68

GCHZ321163A	BATT. CASE:REAR	ABS DARK GRAY	1	\$	1.68
					ONLY FOR BC205XLT
GETC417276Z	PLUG:EARPHONE	P.P BLACK	1	\$	0.19
GHDZ419907Z	HOLDER:TERMINAL	ABS BLACK	1	\$	0.55
GHDZ421068Z	HOLDER:TERMINAL	ABS DARK GRAY	1	\$	0.55
					ONLY FOR BC205XLT
GNBY419908Z	KNOB	ABS BLACK	2	\$	0.58
HCSY319909A	CHASSIS	SPCC 0.8T NI	1	\$	3.37
HHDP419911A	HOLDER:PCB	SPCC MFZN3,1T	1	\$	0.71
HPSP419918Z	TERMINAL	BSP NI	2	\$	0.32
HPSP421080Z	PLATE;SPRING	CS210R 0.3T NI	1	\$	0.53
HSDP421307Z	SHIELD PLATE	COPPER 0.05T	1	\$	0.81
HSDP421342Z	SHIELD PLATE	ALP 0.1T	1	\$	1.10
HSDP422133Z	SHIELD PLATE	SPTE 0.3T NON OIL	1	\$	0.90
HSDP422397Z	SHIELD PLATE	COPPER 0.1T	1	\$	0.80
HTML421169Z	TERMINAL:ANT	SPTE 0.3T	1	\$	0.21
KDPT419914A	PLATE:CONTROL	PVC 0.5T MATT	1	\$	0.21
KDPT421074Z	PLATE:CONTROL	PVC 0.5T MATT	1	\$	0.21
					ONLY FOR BC205XLT
KDPT419915Z	PLATE:DISPLAY	POLYCARBO 0.5T	1	\$	0.67
KDPT421075Z	PLATE:DISPLAY	POLYCARBO 0.5T	1	\$	0.67
					ONLY FOR BC205XLT
KDPT419916Z	PLATE:BATT.	POLYCARBO 0.5T	1	\$	0.34
KDPT421166Z	PLATE:BATT.	POLYCARBO 0.5T	1	\$	0.34
					ONLY FOR BC205XLT
LB5G417277Z	BUSHING KNOB	NEOPRENE RUBBER	2	\$	0.09
LHDL408855Z	HOLDER:LED	EPT,BLACK	1	\$	0.14
LPAK319917A	GASKET	SILICON RUBBER BLACK	1	\$	5.17
MNUT419920Z	NUT	B5BM NI	2	\$	0.40
MTML419921Z	TERMINAL	B5BM NI	2	\$	0.54
NSPC418765Z	COIL SPRING	SUS304-WPB	2	\$	0.05
PLBC419922Z	LABEL:BATT.	POLYESTER FILM 0.1T	1	\$	0.40
PLBC421170Z	LABEL:BATT.	POLYESTER FILM 0.1T	1	\$	0.40
					ONLY FOR BC205XLT
PLBF419923Z	LABEL:FCC	POLYESTEL FILM 0.1T	1	\$	0.43
PLBZ419932A	LABEL:BLIND	POLYESTER FILM 0.1T	1	\$	0.32
RCUM417274Z	CUSHION	MOLTPRENE	1	\$	0.21
RCUM417402Z	CUSHION	MOLTPRENE 40*45*3T	2	\$	0.30
RCUN421167Z	CUSHION	NEO SP 1T	1	\$	0.49
RCUN421528Z	CUSHION (B)	NEOPRENE SP 10*10*1T	1	\$	0.14
RCUN422399Z	CUSHION	NEO SP 1T	1	\$	0.14
RETC416137Z	SPACER	PVC 0.2T	2	\$	0.07
RETC419930B	SPACER	PVC 0.8T	1	\$	0.45
RNTG420064Z	BLIND	NYLON GAUZE	1	\$	0.01
RTLA219925Z	LEATHER CASE	**	1	\$	12.85
RTLA221077Z	LEATHER CASE	**	1	\$	12.85
					ONLY FOR BC205XLT
RTLA416430Z	INSULATION PLATE	MYLAR FILM 0.15T	0.50000	\$	0.70
RZEB419931Z	INSULATION PLATE	PVC 0.3T	1	\$	0.19
RZEB422134Z	INSULATION PLATE	PVC 0.2T	1	\$	0.20
RZEB422223Z	INSULATION PLATE	PVC 0.1T CLEAR	1	\$	0.21
RZEB422398Z	INSULATION PLATE	PVC 0.2T	1	\$	0.19
TSTD0200006	SPRING PLATE:KNOB	D6	2	\$	0.48
UBUD011092A	OWNER'S MANUAL	**	1	\$	1.01

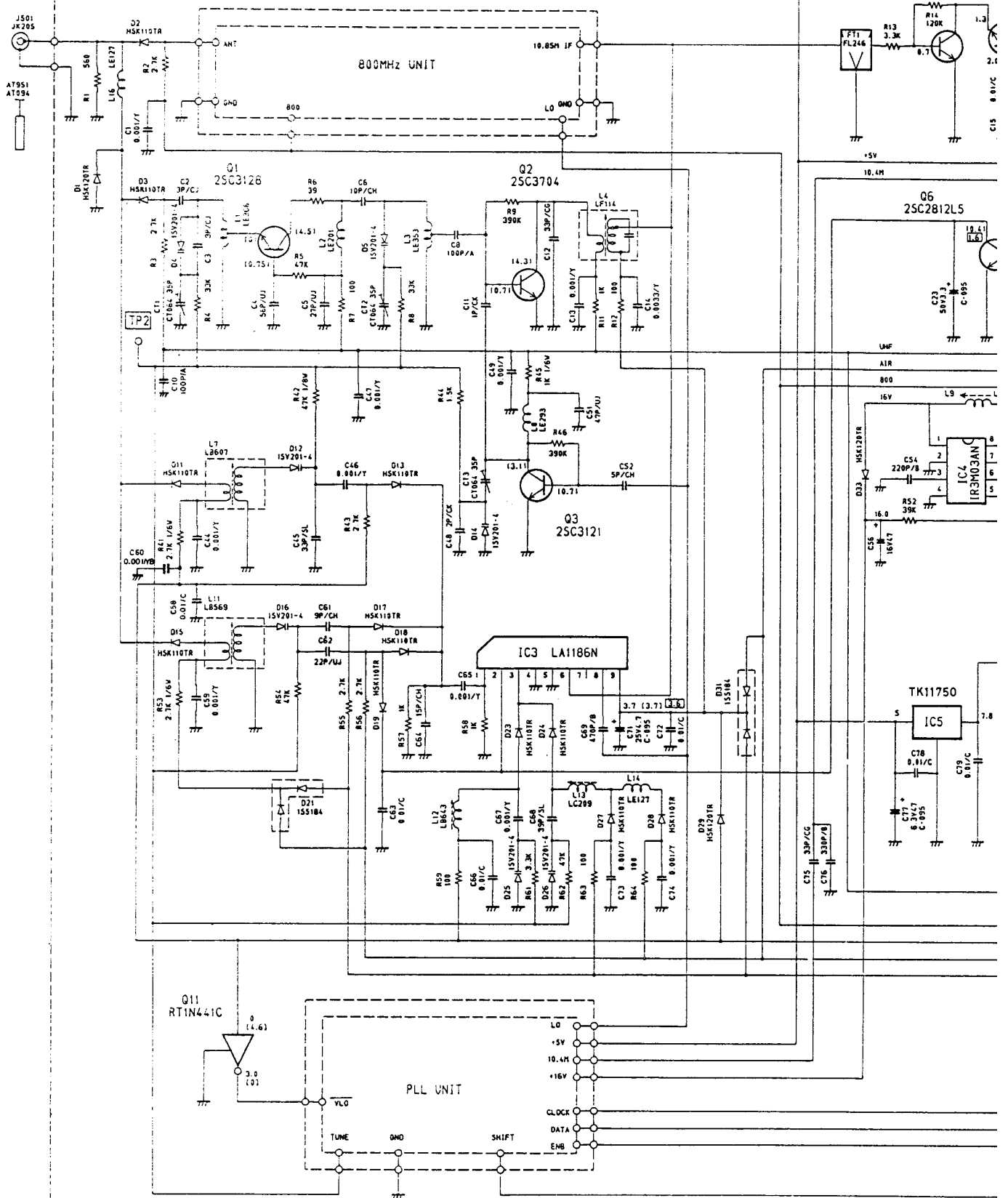
	UBUD01109CA	OWNER'S MANUAL	**	1	\$	1.01
	UBUD416547Z	ORDER FORM				ONLY FOR BC205XLT
	UBUD418964Z	CAUTION BELT	PAPER	1	\$	0.36
	VNYL1122800	VINYL BAG	PAPER BLUE	1	\$	0.16
	VNYL1173200	VINYL BAG	120X280X0.05T	1	\$	0.11
	VNYL2305060	VINYL BAG	170X320X0.05T	2	\$	0.17
	WBXH319926Z	DISPLAY BOX	300X500X600X0.07T	0.10000	\$	1.27
	WBXH321078Z	DISPLAY BOX	**	1	\$	2.44
			**	1	\$	2.44
	WCTZ419927Z	SHIPPING CARTON BOX	**			ONLY FOR BC205XLT
	WCTZ421079Z	SHIPPING CARTON BOX	**	0.10000	\$	10.67
				0.10000	\$	10.67
	WSFH119928A	STYROFOAM PAD (BOTTOM)	**	1	\$	3.09
	WSFH119929A	STYROFOAM PAD (TOP)	**	1	\$	1.54
1C206	BCVP813315Z	C:CERAMIC MELF		1	\$	0.21
1C207			330PF 50V K B C-140 TAPE	1	\$	0.21
2C206	BCVP811815Z	C:CERAMIC MELF		1	\$	0.21
2C207			180PF 50V K B C-140 TAPE	1	\$	0.21
	SMBC200XLT	SERVICE MANUAL		1	\$	0.21
	SMBC205XLT	SERVICE MANUAL				

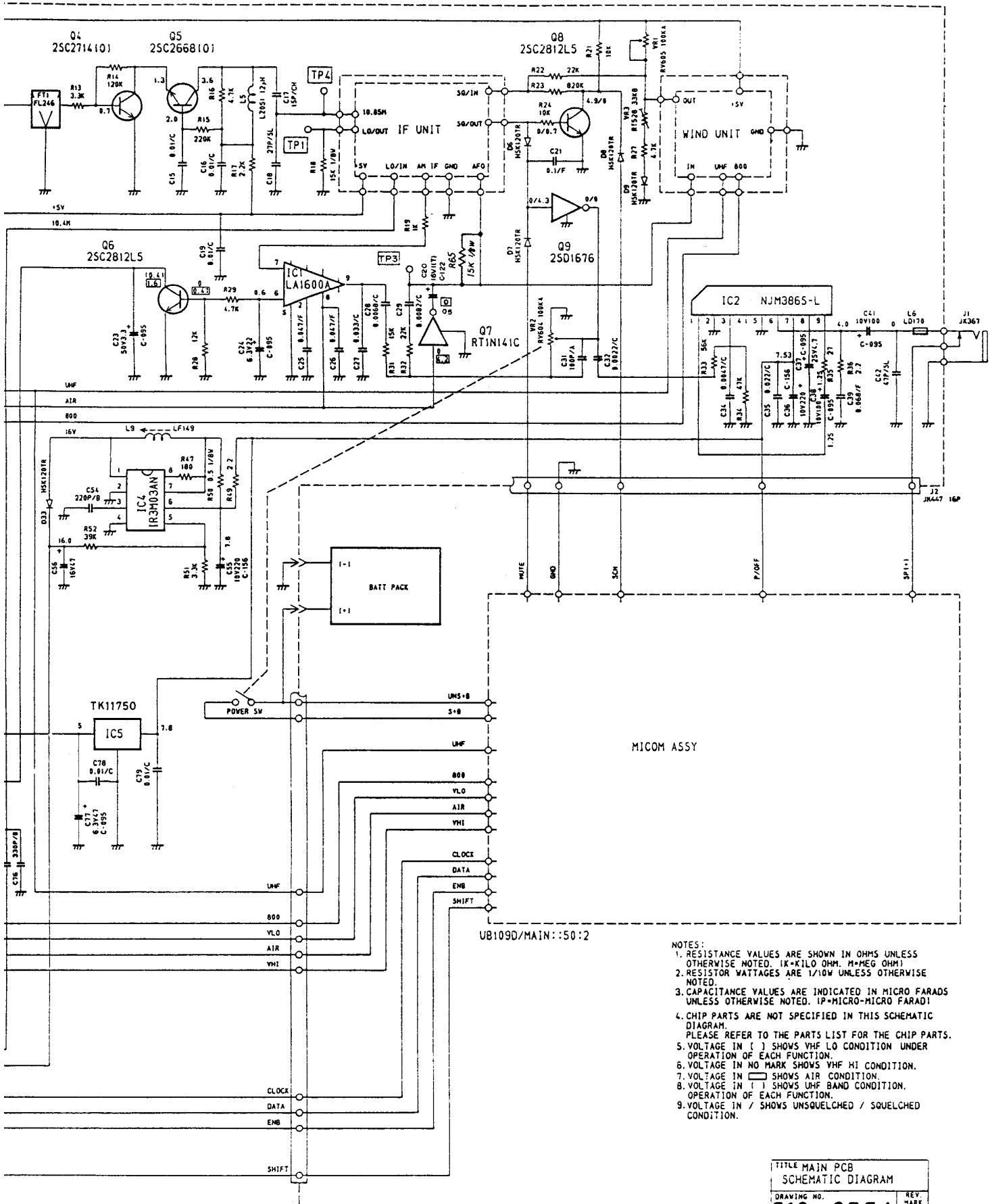
6. TECHNICAL DRAWINGS

BLOCK DIAGRAM



BC200XLT
BC205XLT



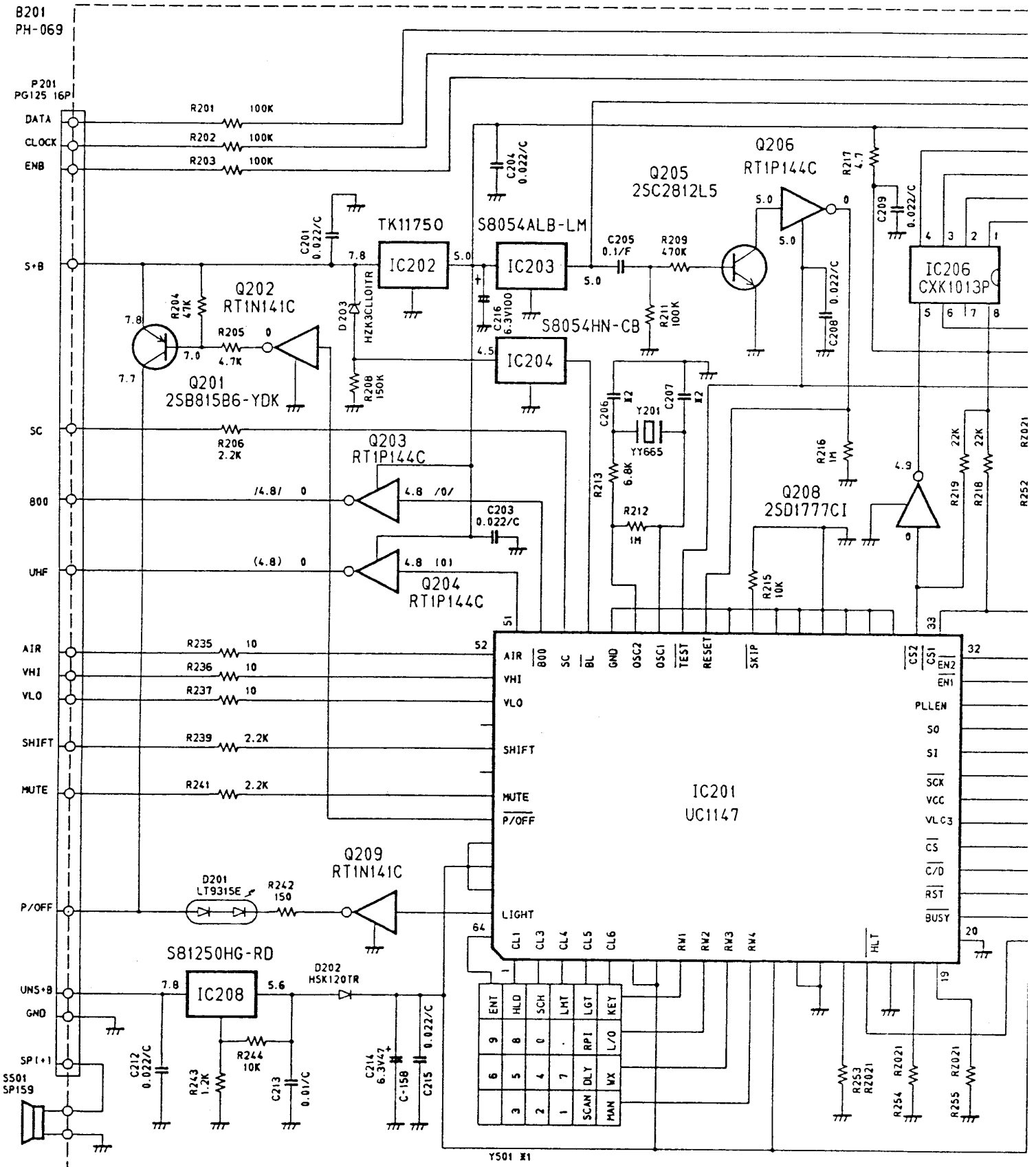


MICOM ASSY

UB109D/MAIN::50:2

- NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
 2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
 3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
 4. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM. PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.
 5. VOLTAGE IN () SHOWS VHF LO CONDITION UNDER OPERATION OF EACH FUNCTION.
 6. VOLTAGE IN [] SHOWS VHF HI CONDITION.
 7. VOLTAGE IN [] SHOWS AIR CONDITION.
 8. VOLTAGE IN [] SHOWS UHF BAND CONDITION. OPERATION OF EACH FUNCTION.
 9. VOLTAGE IN / SHOWS UNSQUELCHED / SQUELCHED CONDITION.

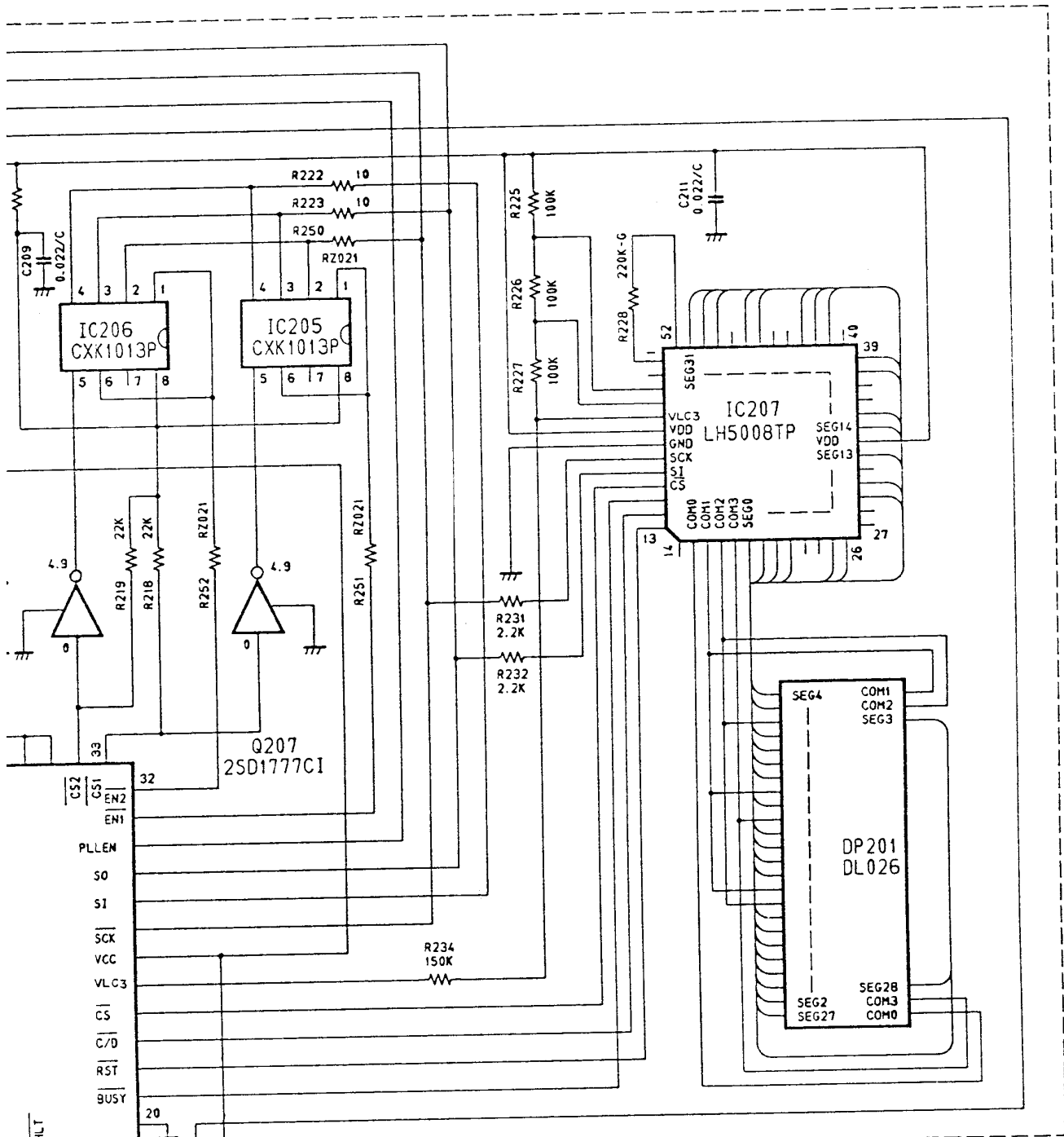
TITLE MAIN PCB
SCHEMATIC DIAGRAM
DRAWING NO. **E12-2774** REV. MARK
UNIDEN CORP.



Y1	UB109D	UB109E
Y501	YY573	YY609

UB109D/MICOM::50:2 5.V
6.V
7.V
C

32



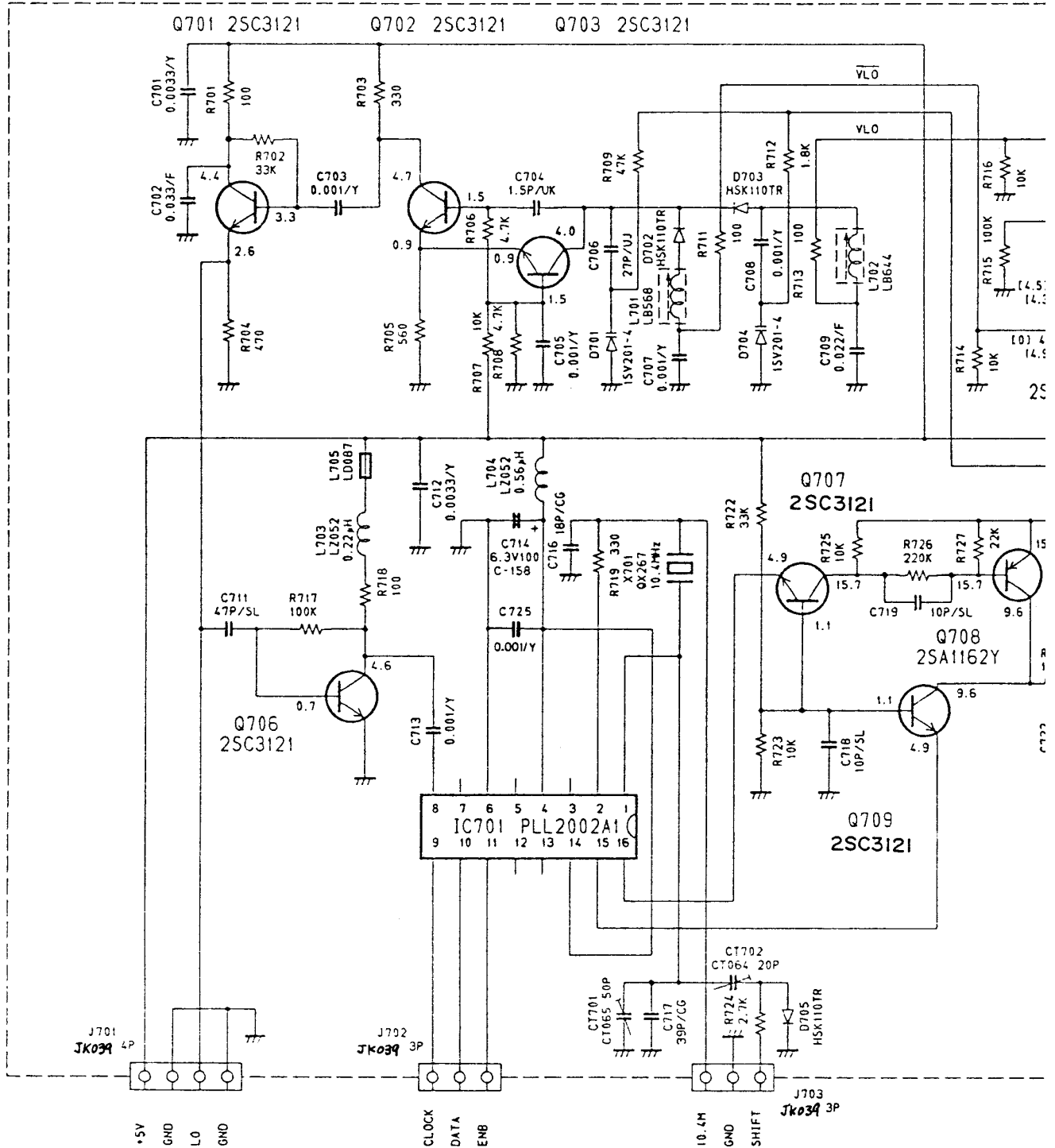
- NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
 2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE NOTED.
 3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
 4. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM. PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.

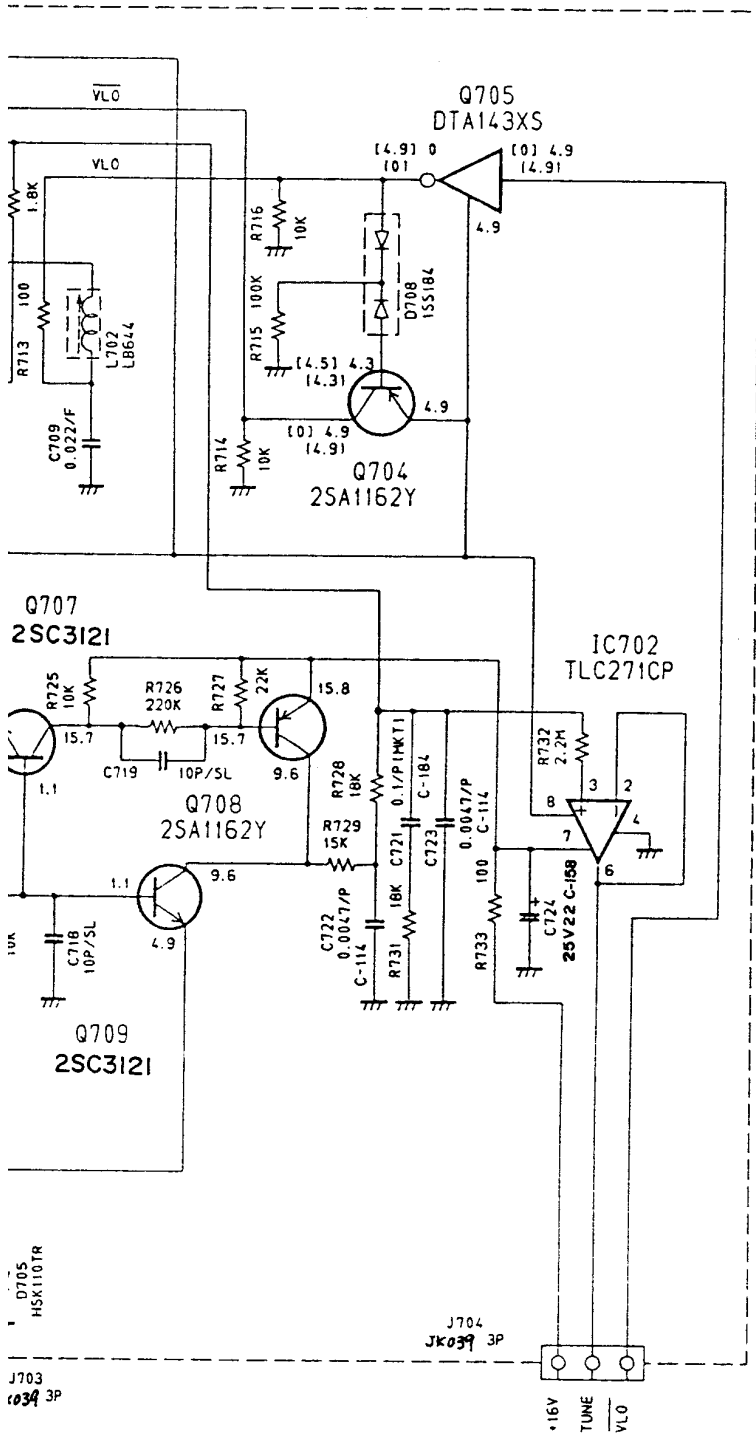
PARTS	MARKING OF 1201	
	NO MARK	RED OR YELLOW
C206	1C206 330P/B	2C206 180P/B
C207	1C207 330P/B	2C207 180P/B

109D/MICOM::50:2

5. VOLTAGE IN // SHOWS 800MHz CONDITION.
 6. VOLTAGE IN () SHOWS UHF BAND CONDITION.
 7. VOLTAGE IN NO MARK SHOWS VHF HI CONDITION.

TITLE MICOM PCB SCHEMATIC DIAGRAM	
DRAWING NO.	REV. MARK
E13-2775	
UNIDEN CORP.	





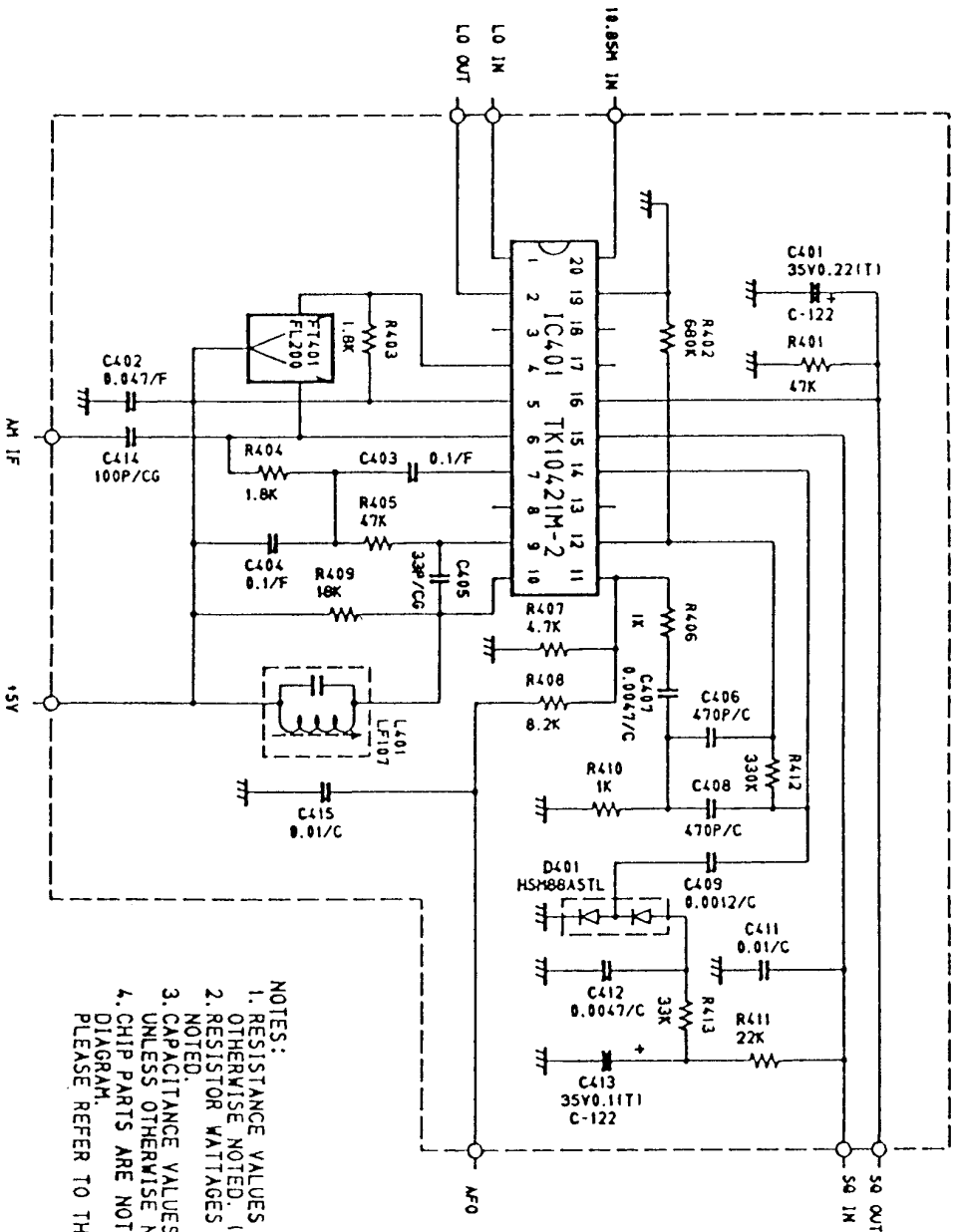
NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
4. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM. PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.
5. VOLTAGE IN () SHOWS UHF CONDITION.
6. VOLTAGE IN [] SHOWS VHF LO CODITION.
7. VOLTAGE IN NO MARK SHOWS VHF HI CONDITION.

TITLE PLL PCB SCHEMATIC DIAGRAM	
DRAWING NO. E13-2776	REV. MARK

UNIDEN CORP.

B401 PH-057

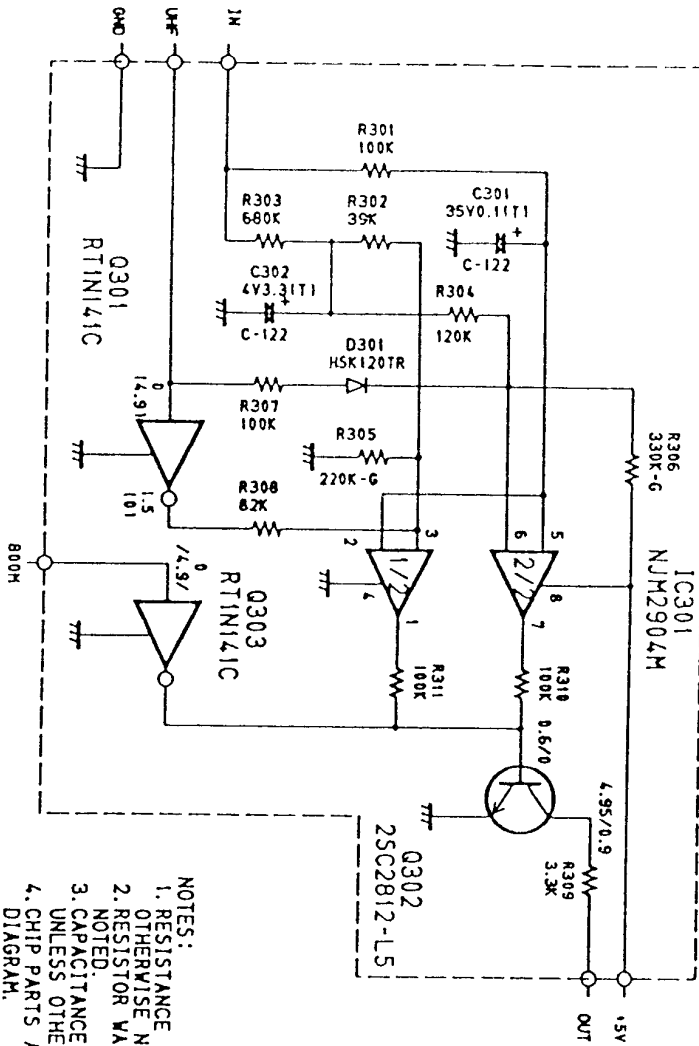


UB109D/IF::50:2

- NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILLO OHM, M=MEG OHM)
 2. RESISTOR VATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
 3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
 4. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM.
- PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.

TITLE		IF PCB
SCHEMATIC DIAGRAM		
DRAWING NO.	E14 - 2778	
REV.	MARK	
UNIDEN CORP.		

B301 PH-058

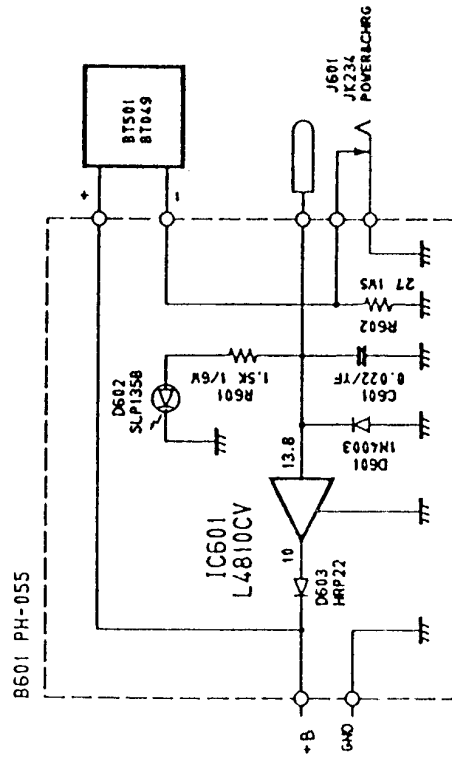


UB109D/WIN::50:2

- NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
 2. RESISTOR VAITAGES ARE 1/10W UNLESS OTHERWISE NOTED.
 3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
 4. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM.
- PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.
5. VOLTAGE IN / SHOWS 800HZ BAND CONDITION.
 6. VOLTAGE IN (/) SHOWS UHF BAND CONDITION.
 7. VOLTAGE IN NO MARK SHOWS VHF HI BAND CONDITION.
 8. VOLTAGE IN / SHOWS UNSWELCHED /SOUELCHED CONDITION.

TITLE WINDOW PCB	
SCHEMATIC DIAGRAM	
DRAWING NO.	REV.
E14-2777	MARK

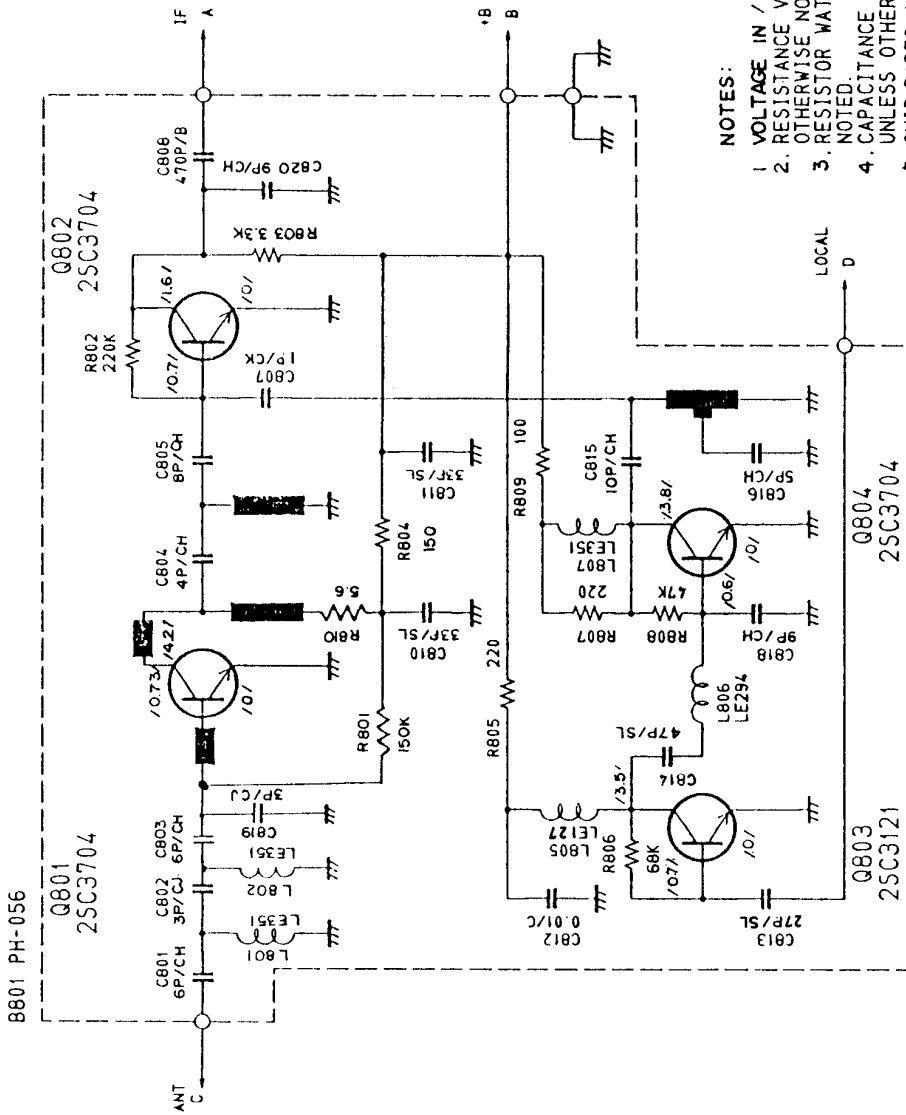
UB109D/REG::50:2



NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. 1K-KILO OHM. M-MEG OHM!
2. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P-MICRO-MICRO FARAD)
3. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM. PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.
4. VOLTAGE IN NO MARK SHOWS VHF BAND CONDITION.

TITLE REG PCB	
SCHEMATIC DIAGRAM	
DRAWING NO.	REV. MARK
E14-2779	
UNIDEN CORP.	

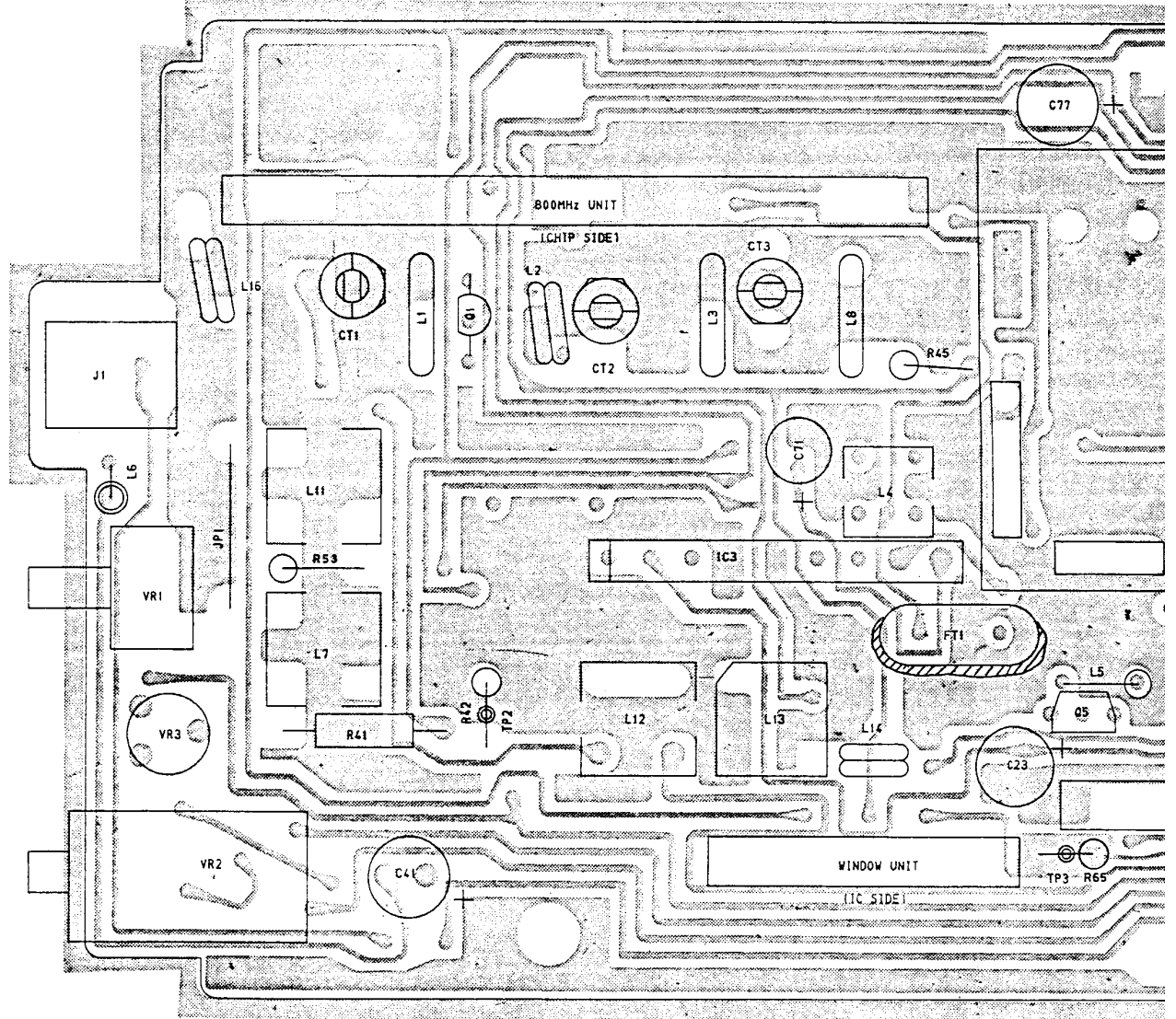


NOTES:

1. VOLTAGE IN / / SHOWS 800MHz BAND CONDITION
2. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
3. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED
4. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)
5. CHIP PARTS ARE NOT SPECIFIED IN THIS SCHEMATIC DIAGRAM. PLEASE REFER TO THE PARTS LIST FOR THE CHIP PARTS.

TITLE	800MHz PCB
SCHEMATIC DIAGRAM	
DRAWING NO.	E14-2780
REV. MARK	
UNIDEN CORP	

PH-068AA



R18	15K
R41	2.7K 1/6W
R42	47K
R45	1K 1/6W
R50	0.5
R53	2.7K 1/6W
R65	15K

VR1	RV605 100KA
VR2	RV604 100KA
VR3	RT528 33KB

J1	JK367
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L1	LE366
L2	LE201
L3	LE353
L4	LF114
L5	LZ051 12μH
L6	LD170
L7	LB607
L8	LE293
L9	LF149
L11	LB569
L12	LB643
L13	LC209
L14	LE127
L16	LE127

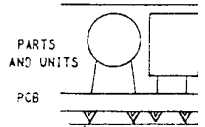
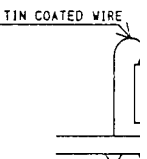
C23	50V3.3 C-095
C24	6.3V22 C-095
C36	10V220 C-156
C37	25V4.7 C-095
C38	10V100 C-095
C41	10V100 C-095
C55	10V220 C-156
C56	16V47 C-158
C71	25V4.7 C-095
C77	6.3V47 C-095
C60	0.001/YB

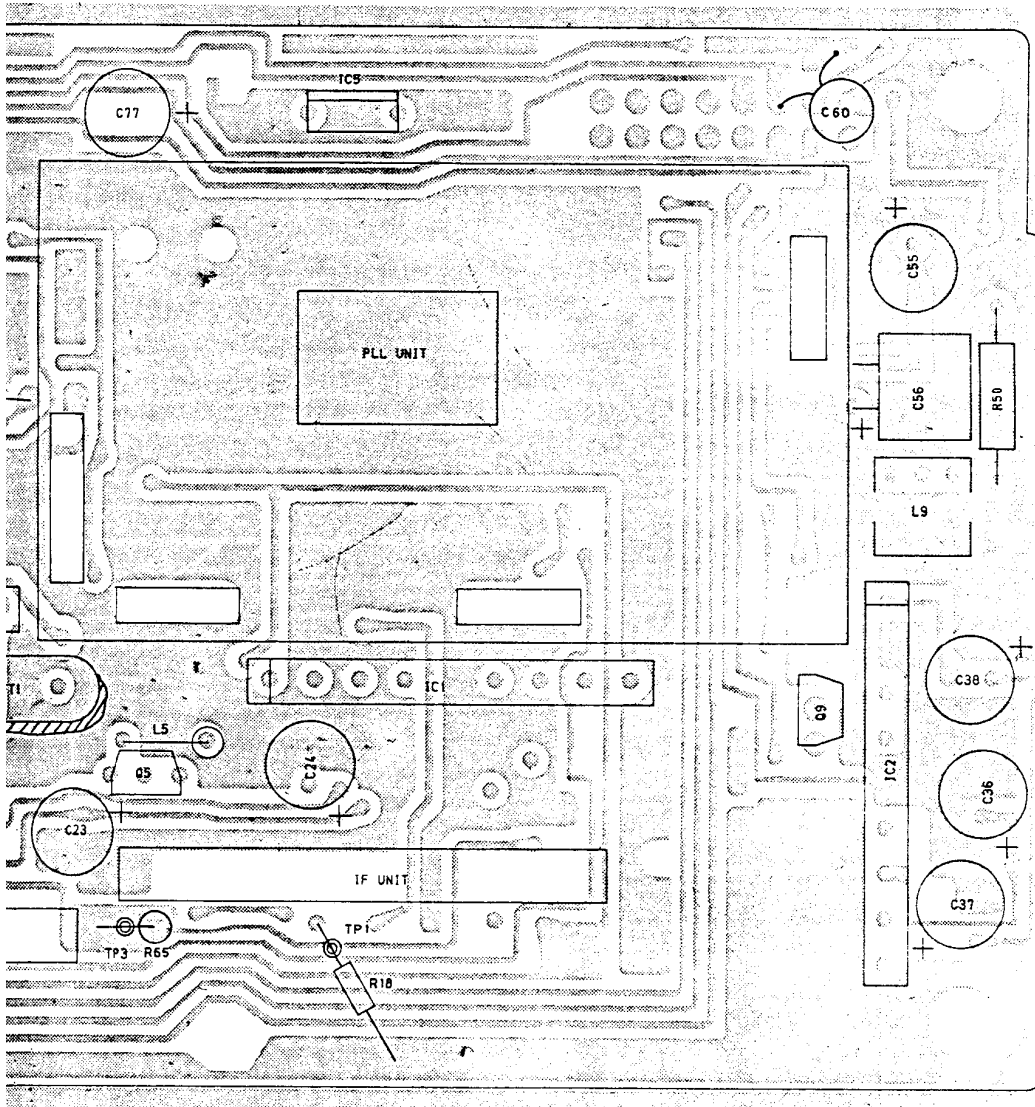
JPI	10mm
-----	------

CT1	CT064 35P
CT2	CT064 35P
CT3	CT064 35P

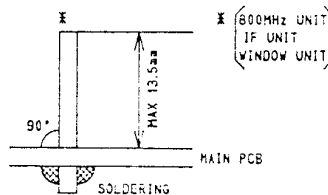
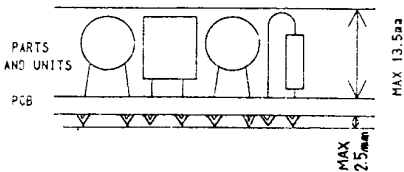
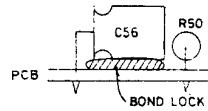
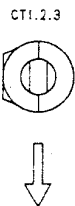
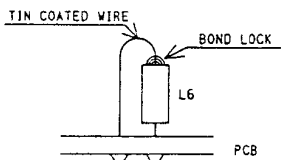
Q1	2SC312B
Q5	2SC2668(01)
Q9	2SD1676

IC1	LA1600A
IC2	NJM3865-L
IC3	LA1186N
IC5	TK11750
FT1	F-245





BOND LOCK

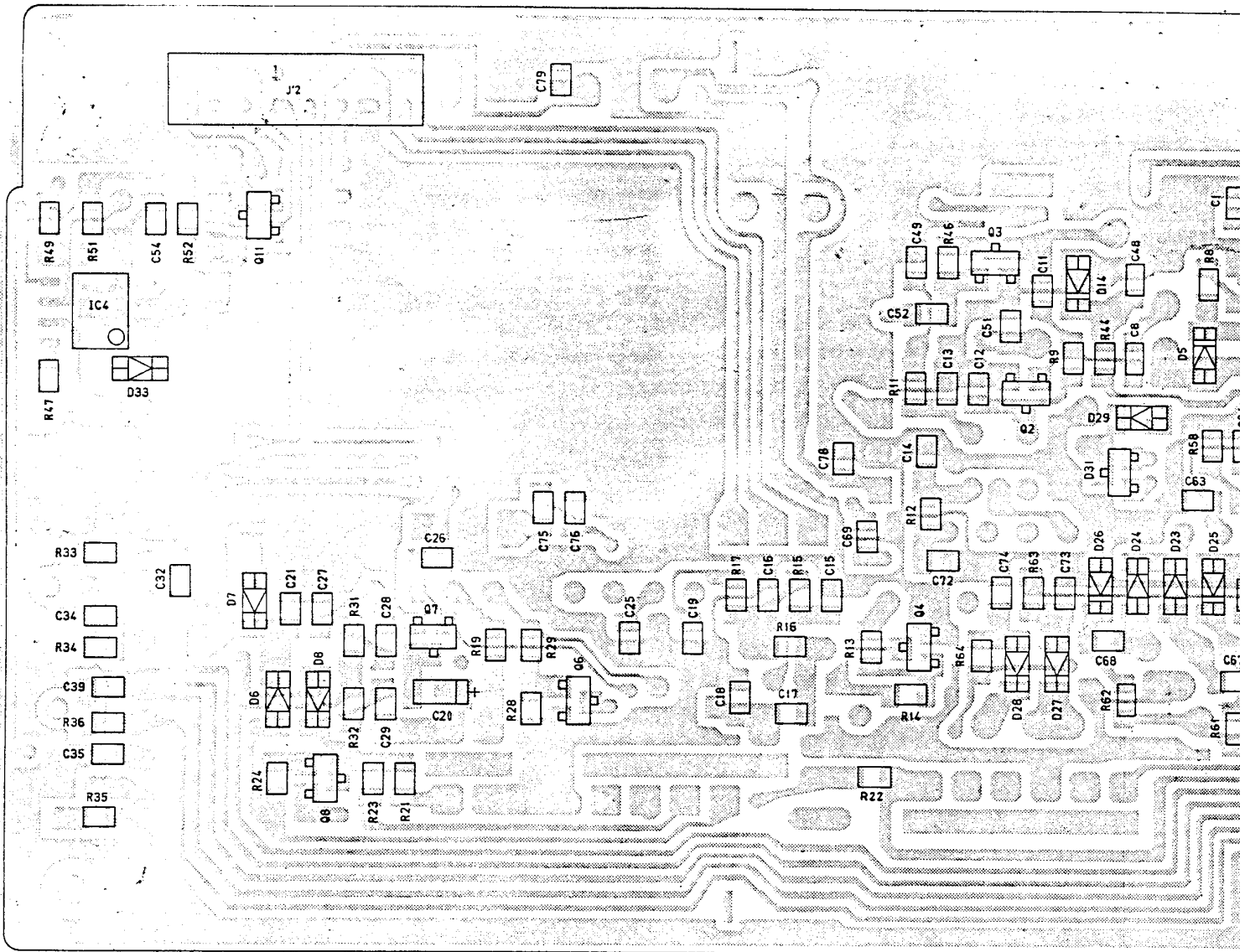


- NOTES:
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
 2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE NOTED.
 3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)

37

TITLE	MAIN PCB
PARTS ASSEMBLY TOP VIEW	
DRAWING NO.	E22-7338
REV. MAX.	

INDEN CORP.



C1	0.001/Y
C2	3P/CJ
C3	3P/CJ
C4	56P/UJ
C5	27P/UJ
C6	10P/CH
C8	100P/A
C11	1P/CK
C12	33P/CG
C13	0.091/Y
C14	0.0533/Y
C15	0.11/C
C16	0.1/C
C17	15P/CH
C18	27P/SL
C19	0.01/C
C20	16V11T1 C-122
C21	0.1/F
C25	0.047/F
C26	0.047/F
C27	0.033/C
C28	0.0066/C
C29	0.0082/C
C31	100P/A
C32	0.0022/C
C34	0.0047/C
C35	0.022/C

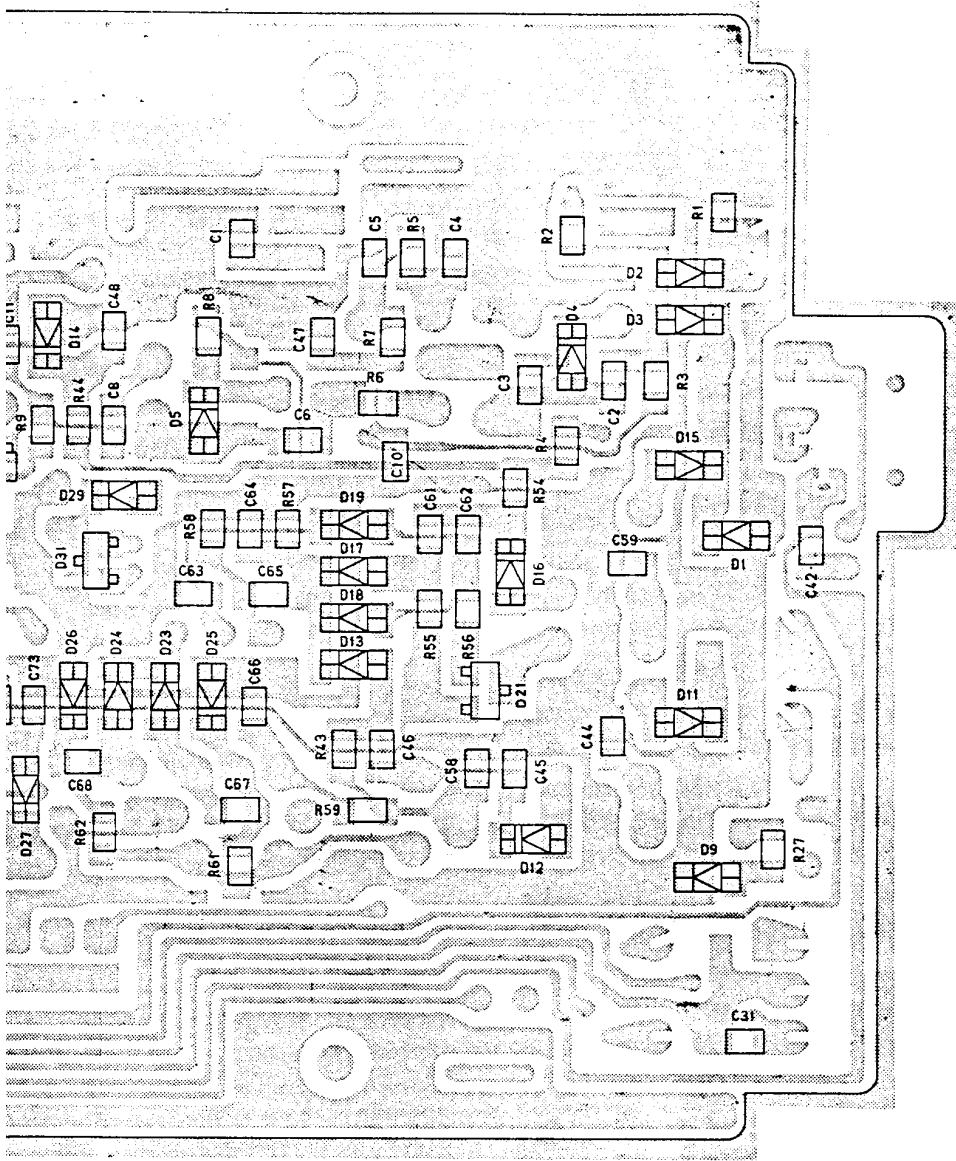
C39	0.068/F
C42	47P/SL
C44	0.001/Y
C45	33P/SL
C46	0.001/Y
C47	0.001/Y
C48	2P/CK
C49	0.001/Y
C51	47P/UJ
C52	5P/CH
C54	220P/B
C58	0.01/C
C59	0.001/Y
C61	9P/CH
C62	22P/UJ
C63	0.01/C
C64	15P/CH
C65	0.001/Y
C66	0.01/C
C67	0.001/Y
C68	39P/SL
C69	470P/B
C72	0.01/C
C73	0.001/Y
C74	0.001/Y
C75	33P/CG
C76	330P/B
C78	0.01/C
C79	0.01/C

Q2	25C3704
Q3	25C3121
Q4	25C2714101
Q6	25C2812L5
Q7	RT1N141C
Q8	25C2812L5
Q11	RT1N441C
IC4	IR3M03AN
J2	JK447 16P
C10	100P/A

R1	560
R2	2.7K
R3	2.7K
R4	33K
R5	47K
R6	39
R7	100
R8	33K
R9	390K
R11	1K
R12	100
R13	3.3K
R14	120K
R15	220K
R16	4.7K
R17	2.2K
R19	1K
R21	10K
R22	22K
R23	820K
R24	10K
R27	4.7K
R28	12K
R29	4.7K
R31	15K
R32	22K
R33	56K
R34	47K
R35	27

R36	2.2
R43	2.7K
R44	1.5K
R46	390K
R47	180
R49	2.2
R51	3.3K
R52	39K
R54	47K
R55	2.7K
R56	2.7K
R57	1K
R58	1K
R59	100
R61	3.3K
R62	47K
R63	100
R64	100

D1	HSK120TR
D2	HSK110TR
D3	HSK110TR
D4	15V201-4
D5	15V201-4
D6	HSK120TR
D7	HSK120TR
D8	HSK120TR
D9	HSK120TR
D11	HSK110TR
D12	15V201-4
D13	HSK110TR
D14	15V201-4
D15	HSK110TR
D16	15V201-4
D17	HSK110TR
D18	HSK110TR
D19	HSK110TR
D21	15S184
D23	HSK110TR
D24	HSK110TR
D25	15V201-4
D26	15V201-4
D27	HSK110TR
D28	HSK110TR
D29	HSK120TR
D31	15S184
D33	HSK120TR



D1	HSK120TR
D2	HSK110TR
D3	HSK110TR
D4	1SV201-4
D5	1SV201-4
D6	HSK120TR
D7	HSK120TR
D8	HSK120TR
D9	HSK120TR
D11	HSK110TR
D12	1SV201-4
D13	HSK110TR
D14	1SV201-4
D15	HSK110TR
D16	1SV201-4
D17	HSK110TR
D18	HSK110TR
D19	HSK110TR
D21	1SS184
D23	HSK110TR
D24	HSK110TR
D25	1SV201-4
D26	1SV201-4
D27	HSK110TR
D28	HSK110TR
D29	HSK120TR
D31	1SS184
D33	HSK120TR

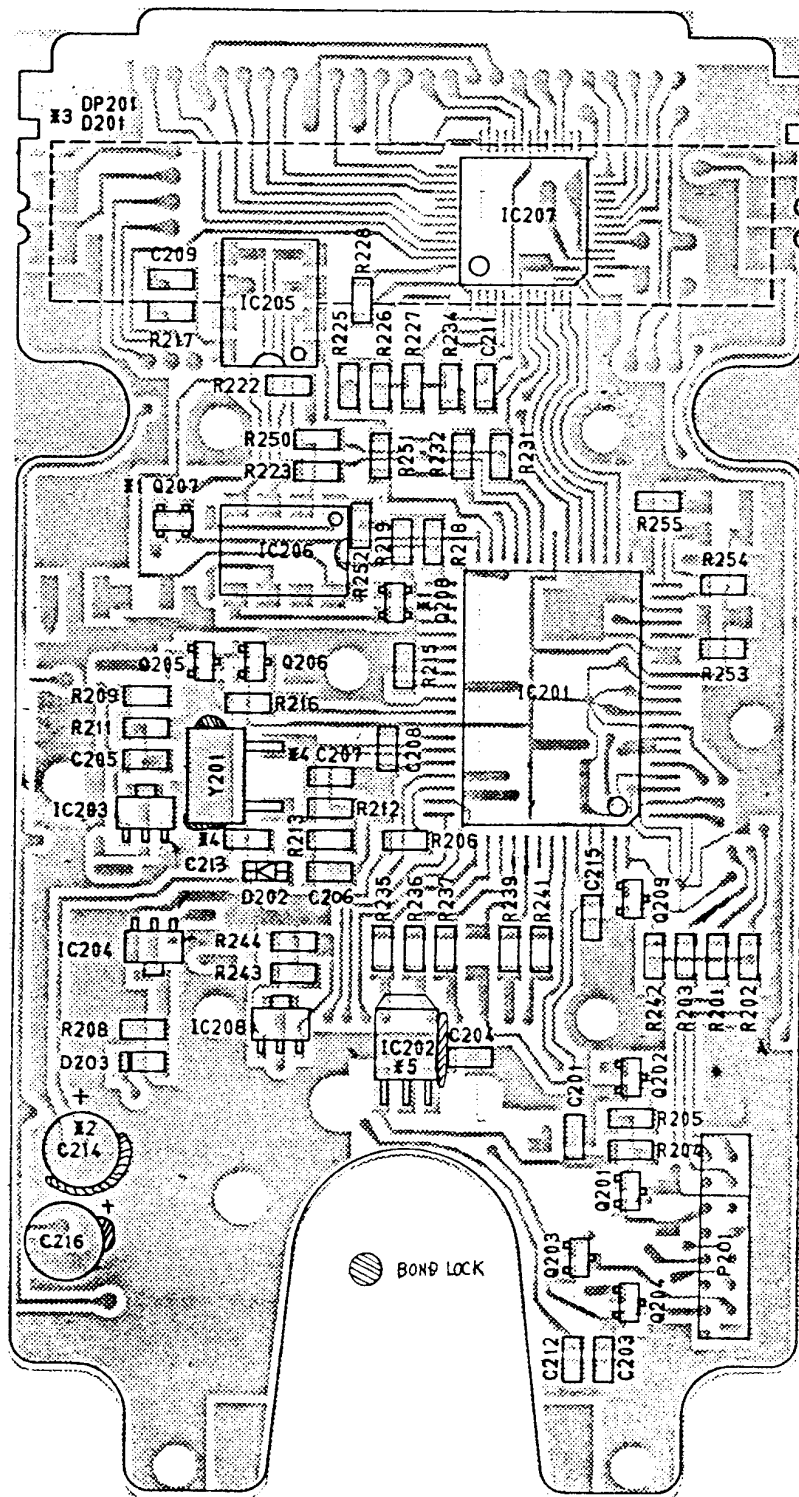
NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM, M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)

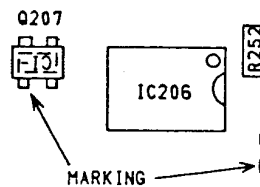
TITLE		MAIN PCB	
PARTS ASS'Y		BOTTOM VIEW	
DRAWING NO.		REV. MARK	
E22-7339			

UNIDEN CORP.

B201 PH-069AA(TOP VIEW)

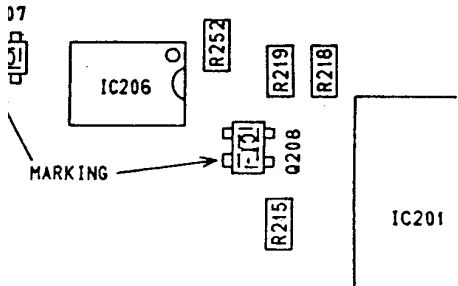


⊠1 PAY ATTENTION TO



R201	100K
R202	100K
R203	100K
R204	47K
R205	4.7K
R206	2.2K
R208	150K-F
R209	470K
R211	100K
R212	1M
R213	6.8K
R215	10K
R216	1M
R217	4.7
R218	22K
R219	22K
R222	10
R223	10
R225	100K
R226	100K
R227	100K
R228	220K-G
R231	2.2K
R232	2.2K
R234	150K
R235	10
R236	10
R237	10
R239	2.2K
R241	2.2K
R242	150
R243	1.2K
R244	10K
R250	RZ021
R251	RZ021
R252	RZ021
R253	RZ021
R254	RZ021
R255	RZ021

PAY ATTENTION TO DIRECTION OF Q207, Q208.



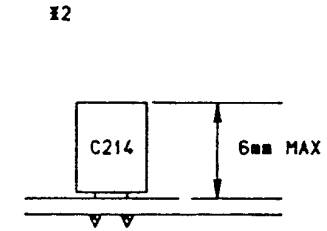
100K
100K
100K
47K
4.7K
2.2K
150K-F
470K
100K
1M
6.8K
10K
1M
4.7
22K
22K
10
10
100K
100K
100K
220K-G
2.2K
2.2K
150K
10
10
10
2.2K
2.2K
150
1.2K
10K
RZ021
RZ021
RZ021
RZ021
RZ021
RZ021

C201	0.022/C
C203	0.022/C
C204	0.022/C
C205	0.1/F
C206	ⓧ4
C207	ⓧ4
C208	0.022/C
C209	0.022/C
C211	0.022/C
C212	0.022/C
C213	0.01/C
C214	6.3V47 C-158
C215	0.022/C
C216	6.3V100 C-158

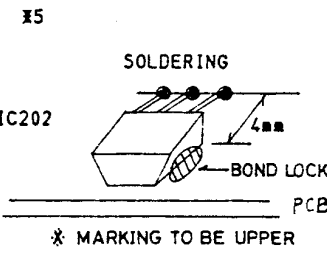
Q201	25B815B6YDK
Q202	RT1N141C
Q203	RT1P144C
Q204	RT1P144C
Q205	25C2812L5
Q206	RT1P144C
Q207	25D1777CI
Q208	25D1777CI
Q209	RT1N141C

D201	LT9315E
D202	HSK120TR
D203	HZK3CLLO1TR

DP201	DL026
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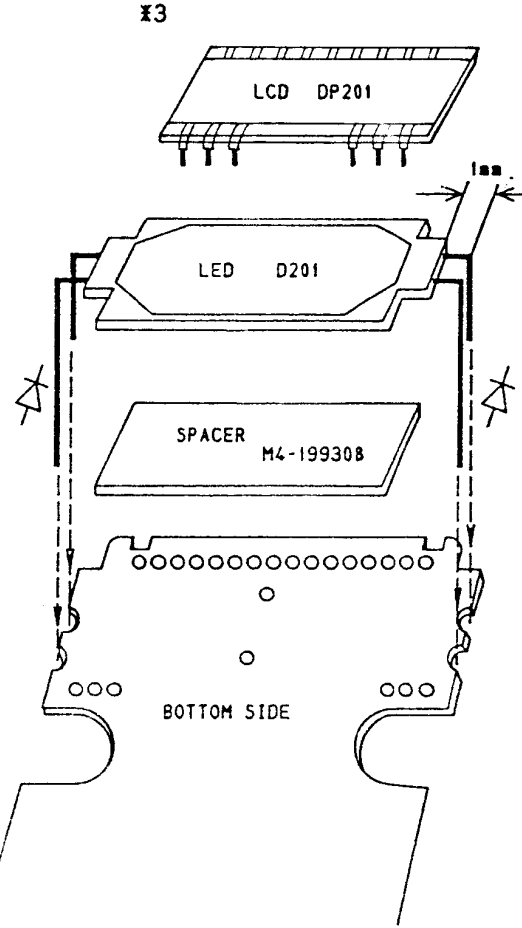
	MARKING OF Y201	
	NO MARK	RED OR YELLOW
C206	1C206	2C206
	330P/B	180P/B
C207	1C207	2C207
	330P/B	180P/B



P201	PG125 16P
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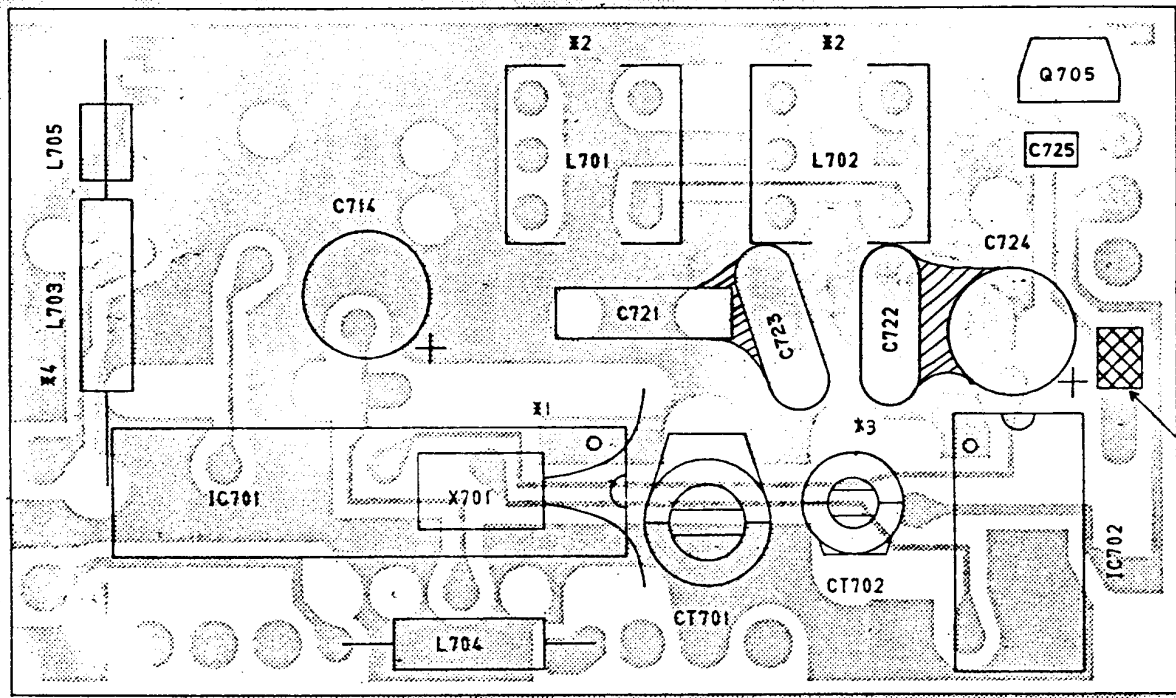
IC201	UC1147
IC202	TK11750
IC203	S8054ALB-LM
IC204	S8054HN-CB
IC205	CXK1013P(cut)
IC206	CXK1013P(cut)
IC207	LH5008TP
IC208	S81250HG-RD

Y201	YY665
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- NOTES:
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 2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE NOTED.
 3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P-MICRO-MICRO FARAD)

TITLE MICOM PCB PARTS ASSEMBLY	
E23-7340	
REV. MARK	



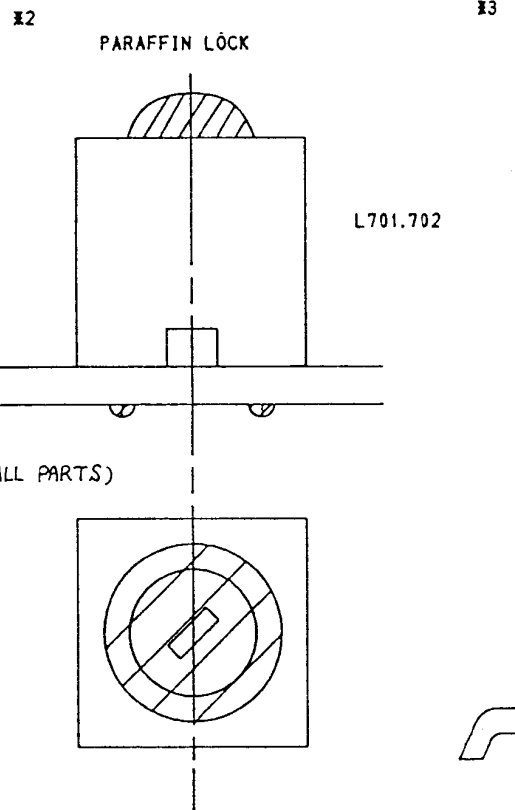
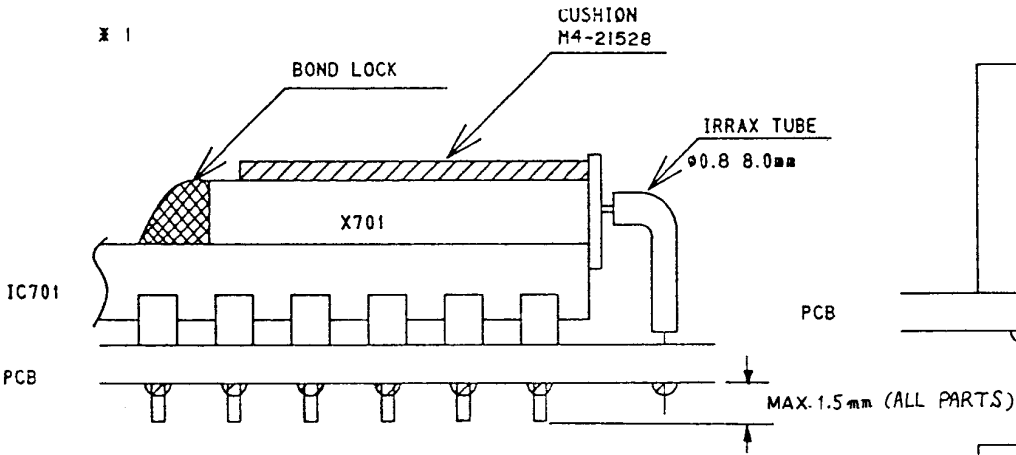
C714	6.3V
C721	0.1V
C722	0.0V
C723	0.0V
C724	25V
C725	0.0V

CT701	CT01
CT702	CT01

Q705	DTA
------	-----

SOLDERING

BOND Lc



C714	6.3V100 C-158
C721	0.1/P1MKT1 C-184
C722	0.0047/P C-114
C723	0.0047/P C-114
C724	25V22 C-158
C725	0.001/Y C-161

L701	LB568
L702	LB644
L703	LZ052 0.22 μ H
L704	LZ052 0.56 μ H
L705	LD087

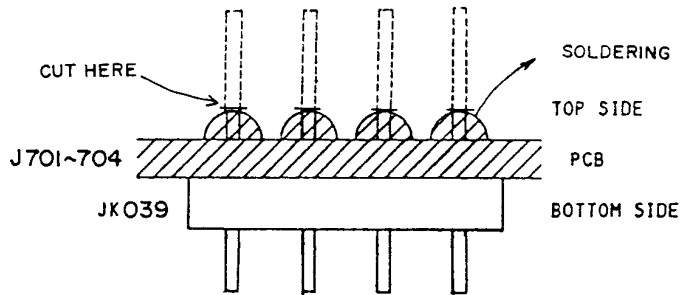
CT701	CT065 50 μ F
CT702	CT064 20 μ F

IC701	PLL2002A1
IC702	TLC271CP

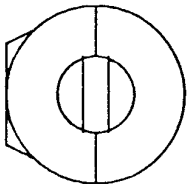
Q705	DTA143XS
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X701	QX267
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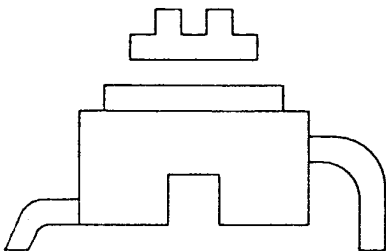
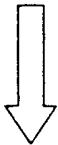
DERING



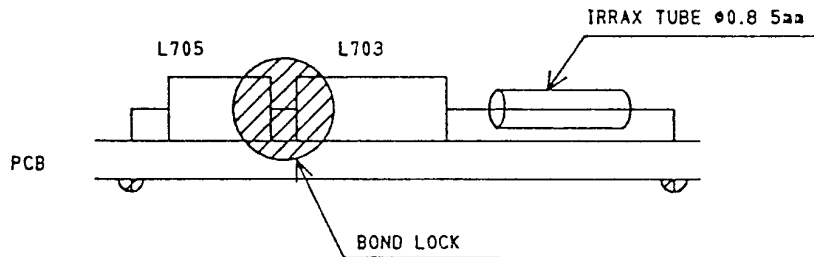
33 CT702



L701,702



44

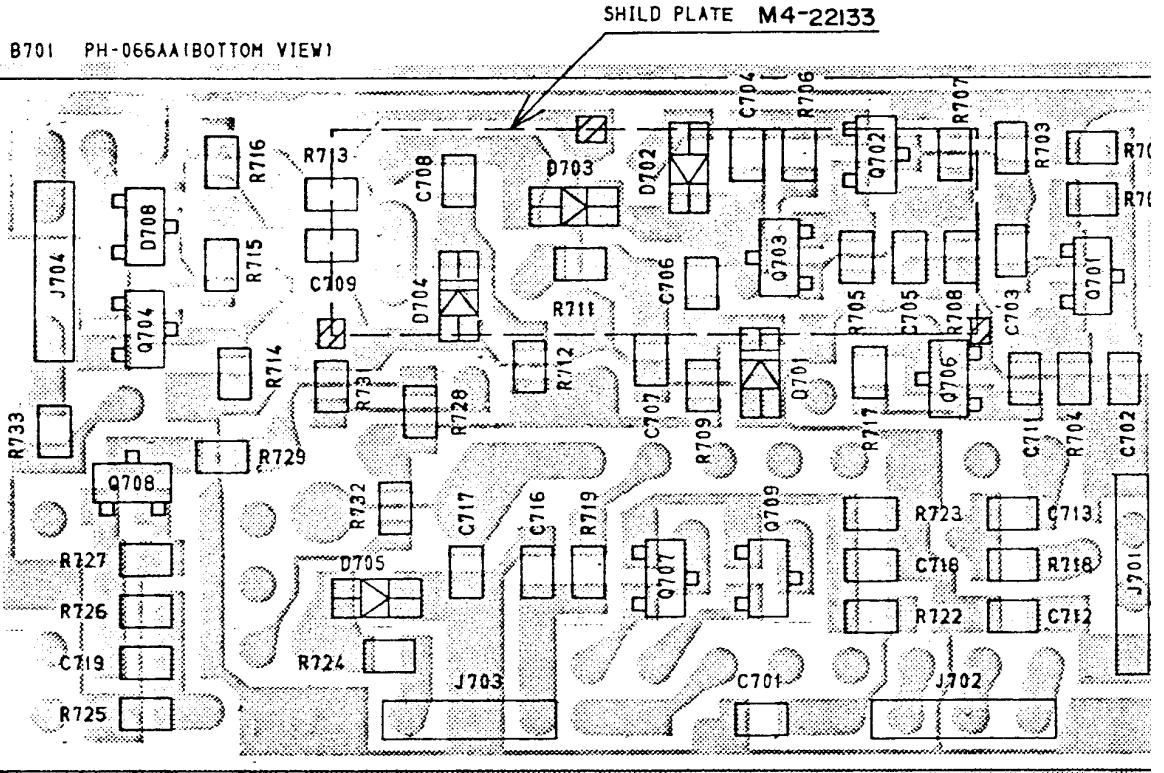



NOTES:

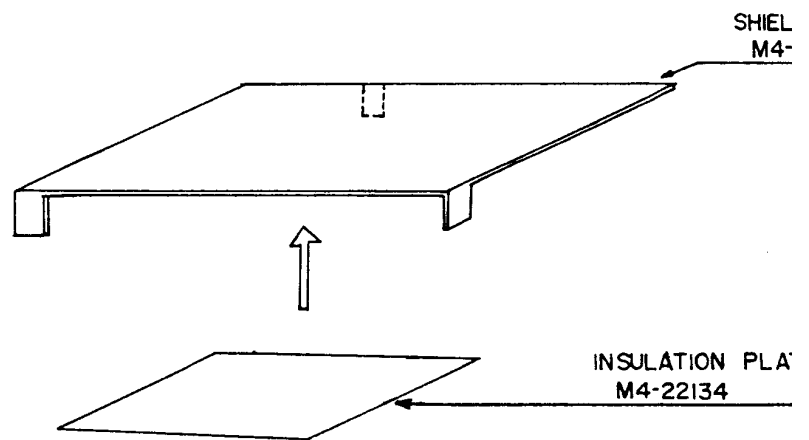
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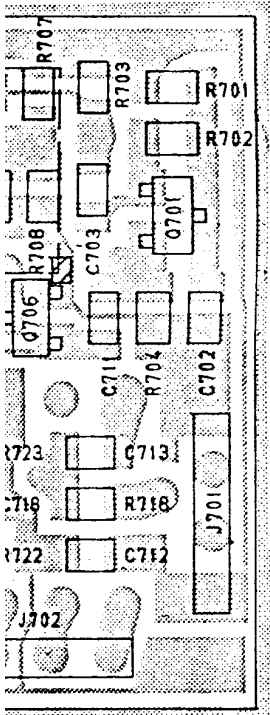
TITLE PLL PCB	
PARTS ASSEMBLY TOP VIEW	
DRAWING NO.	REV. MARK
E23-7341	

UNIDEN CORP



 SOLDERING





C701	0.0033/Y
C702	0.033/F
C703	0.001/Y
C704	1.5P/UK
C705	0.001/Y
C706	27P/UJ
C707	0.001/Y
C708	0.001/Y
C709	0.022/F
C711	47P/SL
C712	0.0033/Y
C713	0.001/Y
C716	18P/CG
C717	39P/CG
C718	10P/SL
C719	10P/SL

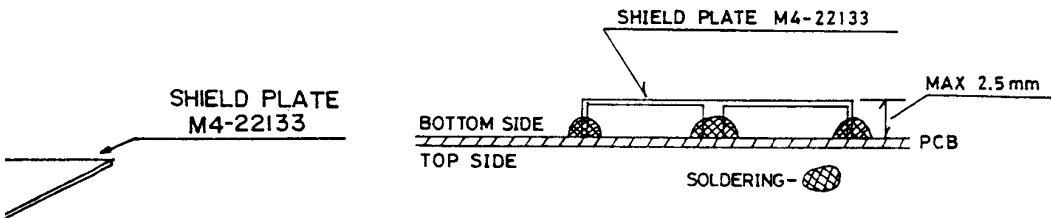
D701	1SV201-4
D702	HSK110TR
D703	HSK110TR
D704	1SV201-4
D705	HSK110TR
D708	1SS184

R701	100
R702	33K
R703	330
R704	470
R705	560
R706	4.7K
R707	10K
R708	4.7K
R709	47K
R711	100
R712	1.8K
R713	100
R714	10K
R715	100K
R716	10K
R717	100K
R718	100
R719	330
R722	33K
R723	10K
R724	2.7K
R725	10K
R726	220K
R727	22K
R728	18K
R729	15K
R731	18K

R732	2.2M
R733	100

J701	JK 039 (4P)
J702	JK 039 (3P)
J703	JK 039 (3P)
J704	JK 039 (3P)

Q701	2SC3121
Q702	2SC3121
Q703	2SC3121
Q704	2SA1162Y
Q706	2SC3121
Q707	2SC3121
Q708	2SA1162Y
Q709	2SC3121



Spray the surface of the bottom side of the PLL PCB with the electrical parts protector. (#2901 Three-Bond)

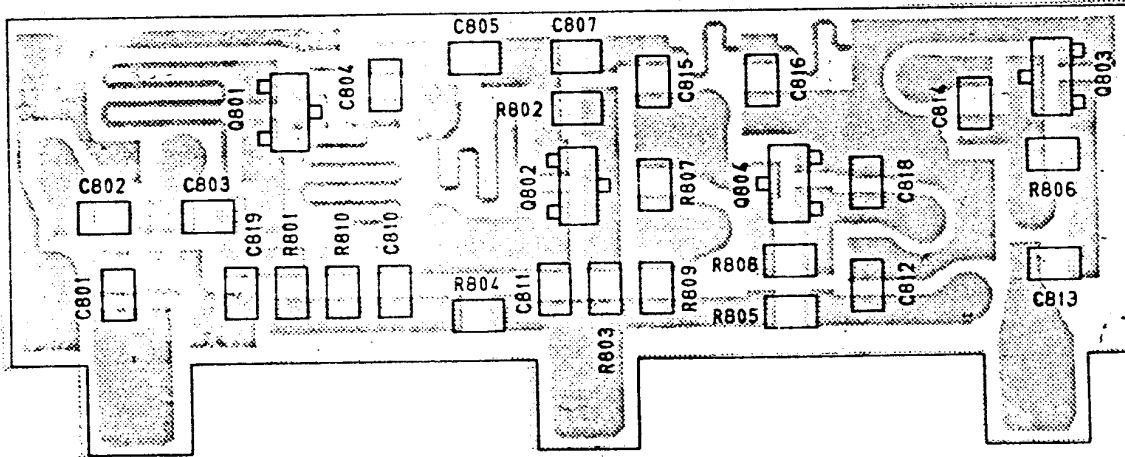
INSULATION PLATE
M4-22134

NOTES:

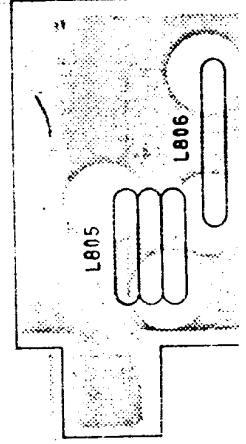
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K-KILO OHM. M-MEG OHM)
2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P-MICRO-MICRO FARAD)

TITLE PLL PCB	
PARTS ASSEMBLY BOTTOM VIEW	
DRAWING NO.	REV. MARK
E23-7342	

B801 PH-056AB(BOTTOM VIEW)



B801 PH-056AB(IT)



C801	6P/CH
C802	3P/CJ
C803	6P/CH
C804	4P/CH
C805	8P/CH
C807	1P/CK
C810	33P/SL
C811	33P/SL
C812	0.01/C
C813	27P/SL
C814	47P/SL
C815	10P/CH
C816	5P/CH

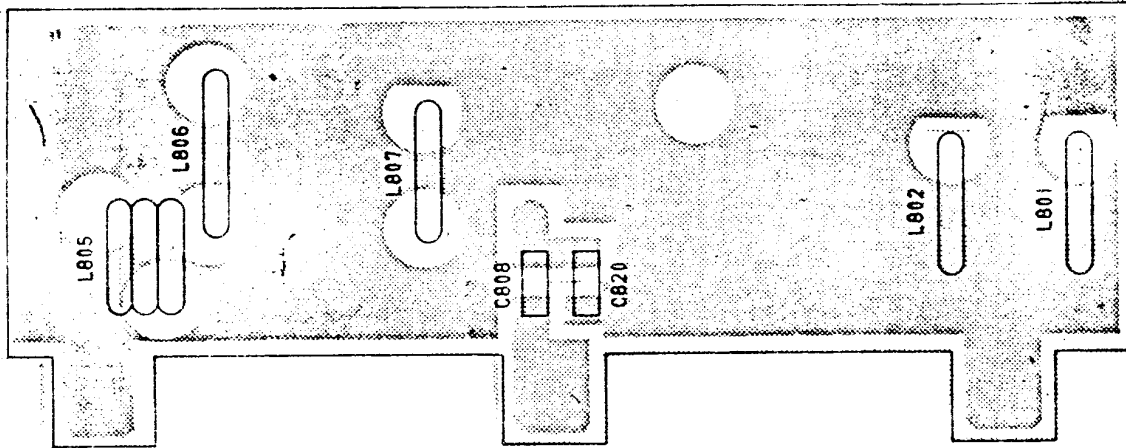
C818	9P/CH
C819	3P/CJ

Q801	25C3704
Q802	25C3704
Q803	25C3121
Q804	25C3704

R801	150K
R802	220K
R803	3.3K
R804	150
R805	220
R806	68K
R807	220
R808	47K
R809	100
R810	5.6

L801	
L802	
L805	
L806	
L807	

B801 PH-056AB(TOP VIEW)



L801	LE 351
L802	LE 351
L805	LE 127
L806	LE 294
L807	LE 351

C808	470P/B
C820	9P/CH

NOTES:

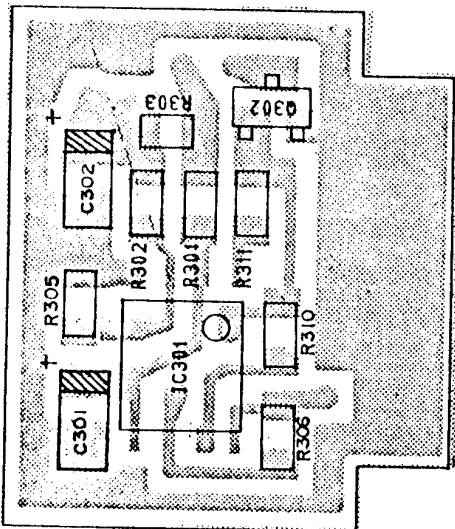
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2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P-MICRO-MICRO FARAD)

TITLE 800MHz PCB	
PARTS ASSEMBLY	
DRAWING NO.	REV. MARK
E23-7343	

UB109/PH058AA::52:1

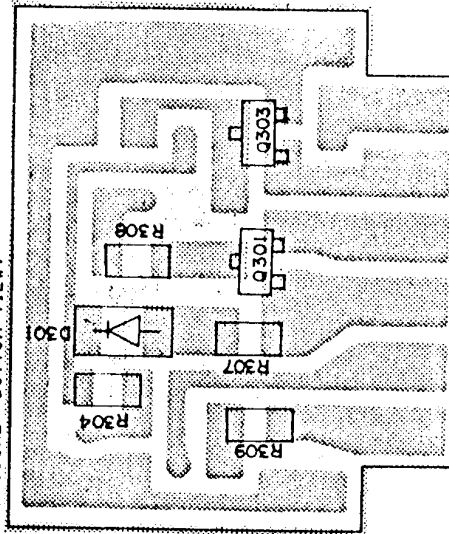
B301

PH-058AB (TOP VIEW)



R301	100K	C302	4V3.3(T) C-122
R302	99K	C301	35VQJ(T) C-122
R303	680K		
R305	220K-G		
R310	100K		
R311	100K	IC301	NJM2904M
R306	330K-G		
		Q302	25C2812-L5

PH-058AB (BOTTOM VIEW)



R304	120K	Q301	RT1N141C
R307	100K	Q303	RT1N141C
R308	82K		
R309	3.3K		
		D301	HSK120TR

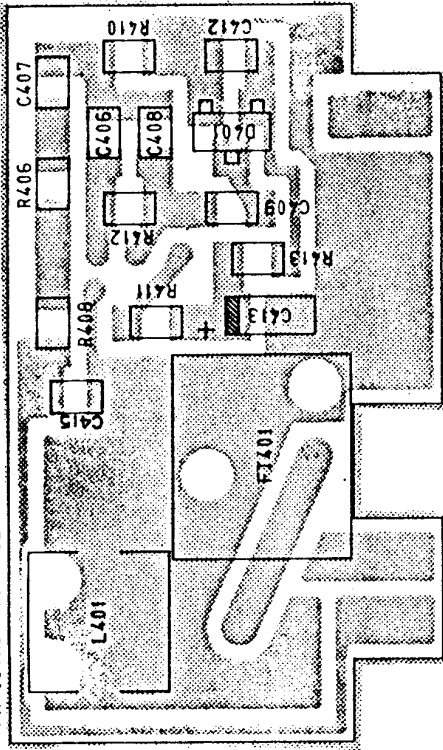
NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. 1K=KILO OHM. M=MEG OHM
2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. 1P=MICRO-MICRO FARAD

TITLE	WINDOW PCB
	PARTS ASSEMBLY
DRAWING NO.	E24-7344
REV. MARK	

UNIDEN CORP.

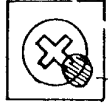
B401
PH-057AB (TOP VIEW)



D401	HSM88ASTL
L401	LF107
FT401	FL200

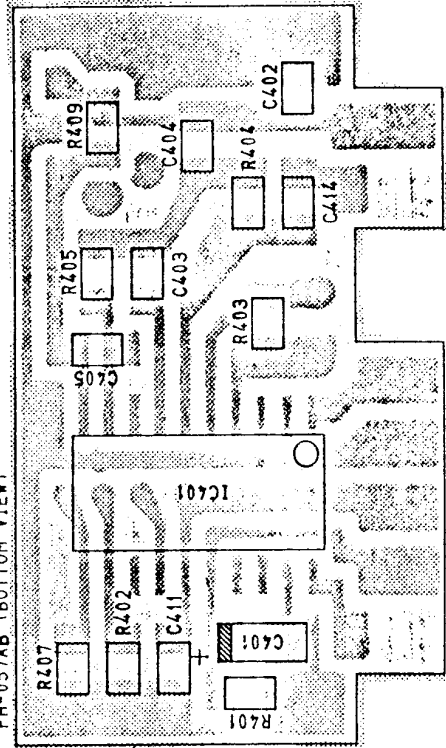
C406	470P/C
C407	0.0047/C
C408	470P/C
C409	0.0012/C
C412	0.0047/C
C413	35V0.1T1C-122
C415	0.01/C
R406	1K
R408	8.2K
R410	1K
R411	22K
R412	330K
R413	33K

L401 (TOP VIEW)



(Three bond NL or Equivalent)

PH-057AB (BOTTOM VIEW)



IC401	TK10421M-2
C401	35V0.22T1C-122
C402	0.047/F
C403	0.1/F
C404	0.1/F
C405	33P/CG
C411	0.01/C
C414	100P/CG
R401	47K
R402	680K
R403	1.8K
R404	1.8K
R405	47K
R407	4.7K
R409	18K

NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED, 1K-KILO OHM, M-MEG OHM
2. RESISTOR WATTAGES ARE 1/10W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED, 1P-MICRO-MICRO FARAD

TITLE	IF PCB
PARTS ASSEMBLY	
DRAWING NO.	E24-7345
REV. MARK	

UNIDEN CORP.

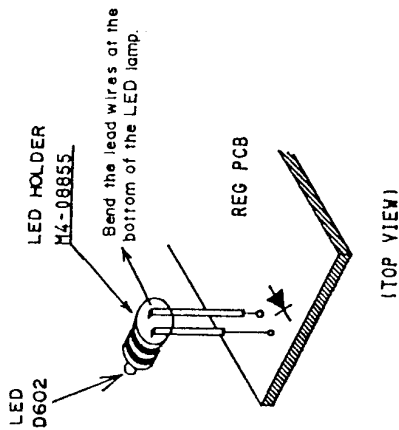
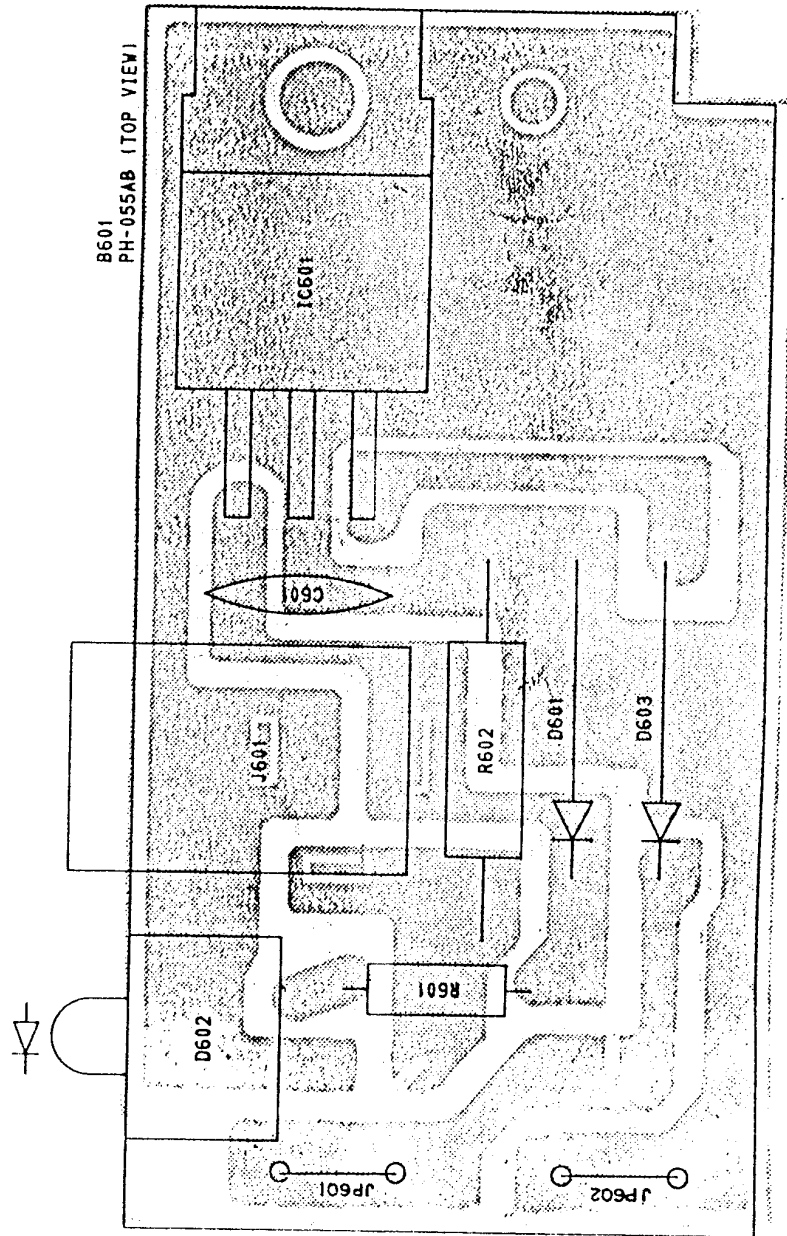
R601	1.5K	1/6W
R602	27	1W5

D601	IN4003
D602	SLP135B
D603	HRP22

C601	0.022/YF

J601	JK234

JP601	5
JP602	5

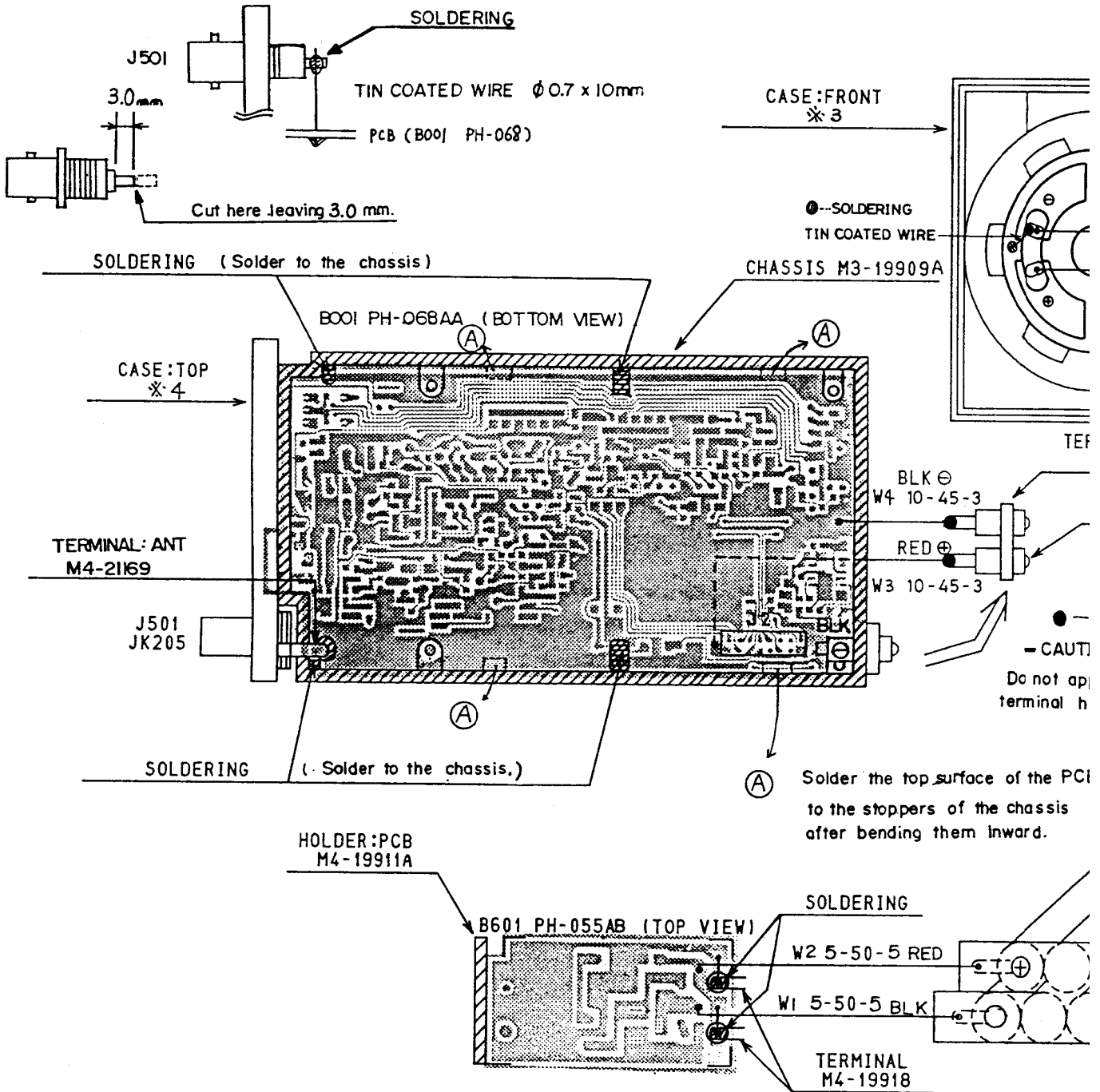


NOTES:

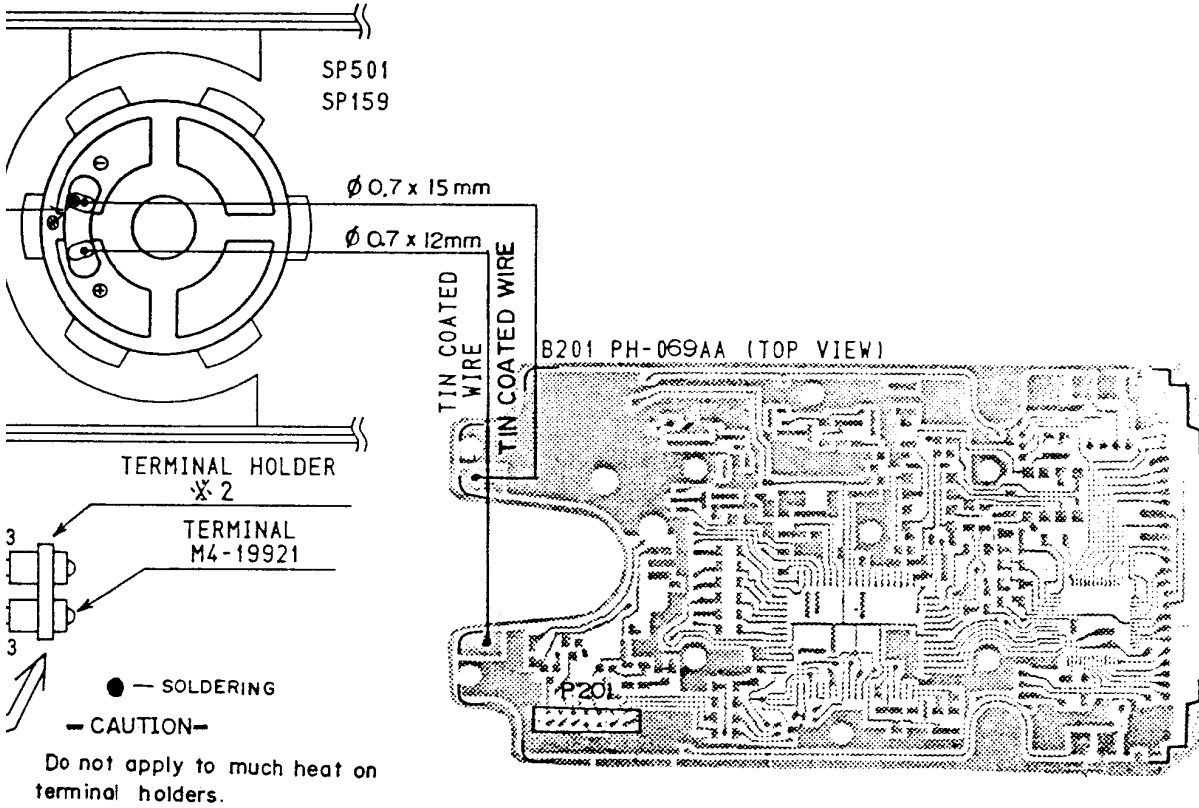
1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED, (K=KILO OHM, M=MEG OHM)
2. CAPACITANCE VALUES ARE INDICATED IN MICRO FARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICRO FARAD)

TITLE	REG PCB
PARTS ASSEMBLY	
DRAWING NO.	E24-7346
REV	
MARK	

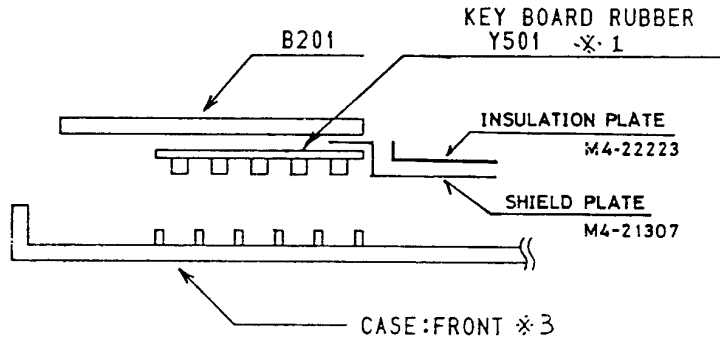
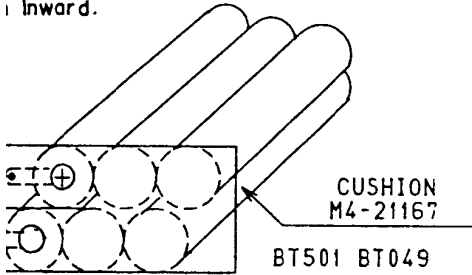
UNIDEN CORP.



- *2
- *3
- *4



ice of the PCB
the chassis
inward.



*1

	UB-109D	UB-109E
Y 501	YY573	YY609

共通
使用 UB-109E

	UB-109D	UB-109E
*2	M4-19907	M4-21068
*3	M1-19901A	M1-21072
*4	M2-19904	M2-21073

TITLE		WIRING DIAGRAM
DRAWING NO.		REV. MARK
E33-2842		

UNIDEN CORP.

SMBC200XLT
SMBC205XLT
HT88-047 (FOR BC 200XLT)
HT88-032 (FOR BC 205XLT)

4A88-3AT 200