

Approved Data

ONKYO

Part No. :

Date :

MAR 14, 2002

Model Name :

SKW-HT20 、 SKS-HT20C 、 SKS-HT20

Description :

HT-060001A 、 HT-060001B 、 HT-060001C

ZYLUX ACOUSTIC CORPORATION

Office : 11F, 112 Chung Hsiao E. Rd. Sec. 1, Taipei, Taiwan

Tel : 02-23975775

Fax : 02-23914051

Factory : 13, Lane 126, Nan Shan Rd. Sec 1, Lu Chu Hsiang, Tao Yuan
Hsien, Taiwan





Tel : 03-3222906



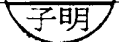
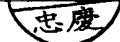
Fax : 03-3223319





Factory : Block E, Sec. D, 71 District, Chang Yei Rd. Boa An, Shenzhrn,
China





Tel : 86-755-775-1945 ~ 47





Fax : 86-755-775-4840

| | | | | | MODEL NUMBER | 10B9Z7F7-0 | MODEL NAME | SKW-HT20 SUB |
|------------------|------------|-------------|--------------|---|--------------|---|------------|--------------|
| NO | ADDRESS | PARTS NO. | DESCRIPTION | SPECIFICATION | | ASSEMBLY AREA | REMARKS | |
| | | 2001306601 | PC BOARD | FIGURED 1.6t FR-1 130°C V-0 REV-B | | | | |
| Q1 | 2001306601 | 1020945161 | TRANSISTOR | 2SC945P T0-92 | | | TAPING | |
| Q2 | 2001306601 | 1000733161 | TRANSISTOR | 2SA733P T0-92 | | | TAPING | |
| Q3 | 2001306601 | 1020945161 | TRANSISTOR | 2SC945P T0-92 | | | TAPING | |
| Q4 | 2001306601 | 1020945161 | TRANSISTOR | 2SC945P T0-92 | | | TAPING | |
| Q5 | 2001306601 | 1000733161 | TRANSISTOR | 2SA733P T0-92 | | | TAPING | |
| Q6 | 2001306601 | 1000733161 | TRANSISTOR | 2SA733P T0-92 | | | TAPING | |
| D1 | 2001306601 | 1252000039 | DIODE | 1N4148 D0-35 | | | TAPING | |
| D2 | 2001306601 | 1252000039 | DIODE | 1N4148 D0-35 | | | TAPING | |
| D3 | 2001306601 | 1252000039 | DIODE | 1N4148 D0-35 | | | TAPING | |
| D4 | 2001306601 | 1252000319 | DIODE | 1N5404 3A 400V | | | TAPING | |
| D5 | 2001306601 | 1252000319 | DIODE | 1N5404 3A 400V | | | TAPING | |
| D6 | 2001306601 | 1252000319 | DIODE | 1N5404 3A 400V | | | TAPING | |
| D7 | 2001306601 | 1252000039 | DIODE | 1N4148 D0-35 | | | TAPING | |
| D8 | 2001306601 | 1252000319 | DIODE | 1N5404 3A 400V | | | TAPING | |
| ZD1 | 2001306601 | 1253000169 | DIODE(ZENER) | 1/2W 12V | | | TAPING | |
| ZD2 | 2001306601 | 1253000169 | DIODE(ZENER) | 1/2W 12V | | | TAPING | |
| ZD3 | 2001306601 | 1253000149 | DIODE(ZENER) | 1/2W 10V | | | TAPING | |
| LD1 | 2001306601 | 1257000351 | DIODE(LED) | 3φ RED、GREEN | | | 307SGM2E | |
| U1 | 2001306601 | 1281000151 | IC | BA4560 DIP8 | | | | |
| MEMO : | | | | | | | | |
| DATE : 2002/3/13 | | VERSION : C | |  | |  | | |
| FORM : ANNIE | | DESIGN : | |  | |  | | |

| | | | | | MODEL NUMBER | 10B9Z7F7-0 | MODEL NAME | SKW-HT20 SUB |
|------------------|------------|-------------|---------------|---|--------------|---|------------|--------------|
| NO | ADDRESS | PARTS NO. | DESCRIPTION | SPECIFICATION | | ASSEMBLY AREA | REMARKS | |
| U2 | 2001306601 | 1281000151 | IC | BA4560 DIP8 | | | | |
| U3 | 2001306601 | 1281000481 | IC | TDA7294 MULTIWATT15 | | | | |
| R1 | 2001306601 | 1371820249 | METAL FILM-R | 1/4WS 82K Ω \pm 1% | | | TAPING | |
| R2 | 2001306601 | 1371560249 | METAL FILM-R | 1/4WS 56K Ω \pm 1% | | | TAPING | |
| R3 | 2001306601 | 1371330249 | METAL FILM-R | 1/4WS 33K Ω \pm 1% | | | TAPING | |
| R4 | 2001306601 | 1371100249 | METAL FILM-R | 1/4WS 10K Ω \pm 1% | | | TAPING | |
| R5 | 2001306601 | 1371820149 | METAL FILM-R | 1/4WS 8.2K Ω \pm 1% | | | TAPING | |
| R6 | 2001306601 | 1371150249 | METAL FILM-R | 1/4WS 15K Ω \pm 1% | | | TAPING | |
| R7 | 2001306601 | 1371560249 | METAL FILM-R | 1/4WS 56K Ω \pm 1% | | | TAPING | |
| R8 | 2001306601 | 1371330249 | METAL FILM-R | 1/4WS 33K Ω \pm 1% | | | TAPING | |
| R9 | 2001306601 | 1311010369 | CARBON FILM-R | 1/4WS 10K Ω \pm 5% | | | TAPING | |
| R10 | 2001306601 | 1311010569 | CARBON FILM-R | 1/4WS 1M Ω \pm 5% | | | TAPING | |
| R11 | 2001306601 | 1311010269 | CARBON FILM-R | 1/4WS 1K Ω \pm 5% | | | TAPING | |
| R12 | 2001306601 | 1311010369 | CARBON FILM-R | 1/4WS 10K Ω \pm 5% | | | TAPING | |
| R13 | 2001306601 | 1311068469 | CARBON FILM-R | 1/4WS 680K Ω \pm 5% | | | TAPING | |
| R14 | 2001306601 | 1311010269 | CARBON FILM-R | 1/4WS 1K Ω \pm 5% | | | TAPING | |
| R15 | 2001306601 | 1311022369 | CARBON FILM-R | 1/4WS 22K Ω \pm 5% | | | TAPING | |
| R16 | 2001306601 | 1311033269 | CARBON FILM-R | 1/4WS 3.3K Ω \pm 5% | | | TAPING | |
| R17 | 2001306601 | 1311010369 | CARBON FILM-R | 1/4WS 10K Ω \pm 5% | | | TAPING | |
| R18 | 2001306601 | 1311033269 | CARBON FILM-R | 1/4WS 3.3K Ω \pm 5% | | | TAPING | |
| MEMO : | | | | | | | | |
| DATE : 2002/3/13 | | VERSION : C | |  | |  | | |
| FORM : ANNIE | | DESIGN : | |  | |  | | |

| | | | | | MODEL NUMBER | 10B9Z7F7-0 | MODEL NAME | SKW-HT20 SUB |
|------------------|------------|-------------|------------------------|---|-------------------------|---|------------|--------------|
| NO | ADDRESS | PARTS NO. | DESCRIPTION | SPECIFICATION | | ASSEMBLY AREA | REMARKS | |
| R19 | 2001306601 | 1311010469 | CARBON FILM-R | 1/4WS | 100K Ω $\pm 5\%$ | | TAPING | |
| R20 | 2001306601 | 1311033369 | CARBON FILM-R | 1/4WS | 33K Ω $\pm 5\%$ | | TAPING | |
| R21 | 2001306601 | 1311015269 | CARBON FILM-R | 1/4WS | 1.5K Ω $\pm 5\%$ | | TAPING | |
| R22 | 2001306601 | 1311010369 | CARBON FILM-R | 1/4WS | 10K Ω $\pm 5\%$ | | TAPING | |
| R23 | 2001306601 | 1311022369 | CARBON FILM-R | 1/4WS | 22K Ω $\pm 5\%$ | | TAPING | |
| R24 | 2001306601 | 1311033369 | CARBON FILM-R | 1/4WS | 33K Ω $\pm 5\%$ | | TAPING | |
| R25 | 2001306601 | 1311033269 | CARBON FILM-R | 1/4WS | 3.3K Ω $\pm 5\%$ | | TAPING | |
| R26 | 2001306601 | 1362033063 | CARBON FILM-R(FUSIBLE) | 1/4W | 33 Ω $\pm 5\%$ | | TYPE:FRN | BULK |
| R27 | 2001306601 | 1362033063 | CARBON FILM-R(FUSIBLE) | 1/4W | 33 Ω $\pm 5\%$ | | TYPE:FRN | BULK |
| R28 | 2001306601 | 1362010063 | CARBON FILM-R(FUSIBLE) | 1/4W | 10 Ω $\pm 5\%$ | | TYPE:FRN | BULK |
| R29 | 2001306601 | 1311022269 | CARBON FILM-R | 1/4WS | 2.2K Ω $\pm 5\%$ | | TAPING | |
| R30 | 2001306601 | 1311022269 | CARBON FILM-R | 1/4WS | 2.2K Ω $\pm 5\%$ | | TAPING | |
| R31 | 2001306601 | 1362010063 | CARBON FILM-R(FUSIBLE) | 1/4W | 10 Ω $\pm 5\%$ | | TYPE:FRN | BULK |
| R32 | 2001306601 | 1311022369 | CARBON FILM-R | 1/4WS | 22K Ω $\pm 5\%$ | | TAPING | |
| R33 | 2001306601 | 1311033169 | CARBON FILM-R | 1/4WS | 330 Ω $\pm 5\%$ | | TAPING | |
| R34 | 2001306601 | 1311010369 | CARBON FILM-R | 1/4WS | 10K Ω $\pm 5\%$ | | TAPING | |
| R35 | 2001306601 | 1311022369 | CARBON FILM-R | 1/4WS | 22K Ω $\pm 5\%$ | | TAPING | |
| R36 | 2001306601 | 1311015369 | CARBON FILM-R | 1/4WS | 15K Ω $\pm 5\%$ | | TAPING | |
| R37 | 2001306601 | 1311020369 | CARBON FILM-R | 1/4WS | 20K Ω $\pm 5\%$ | | TAPING | |
| R38 | 2001306601 | 1313033269 | CARBON FILM-R | 1/2W | 3.3K Ω $\pm 5\%$ | | TAPING | |
| MEMO : | | | | | | | | |
| DATE : 2002/3/13 | | VERSION : C | |  | |  | | |
| FORM : ANNIE | | DESIGN : | |  | |  | | |

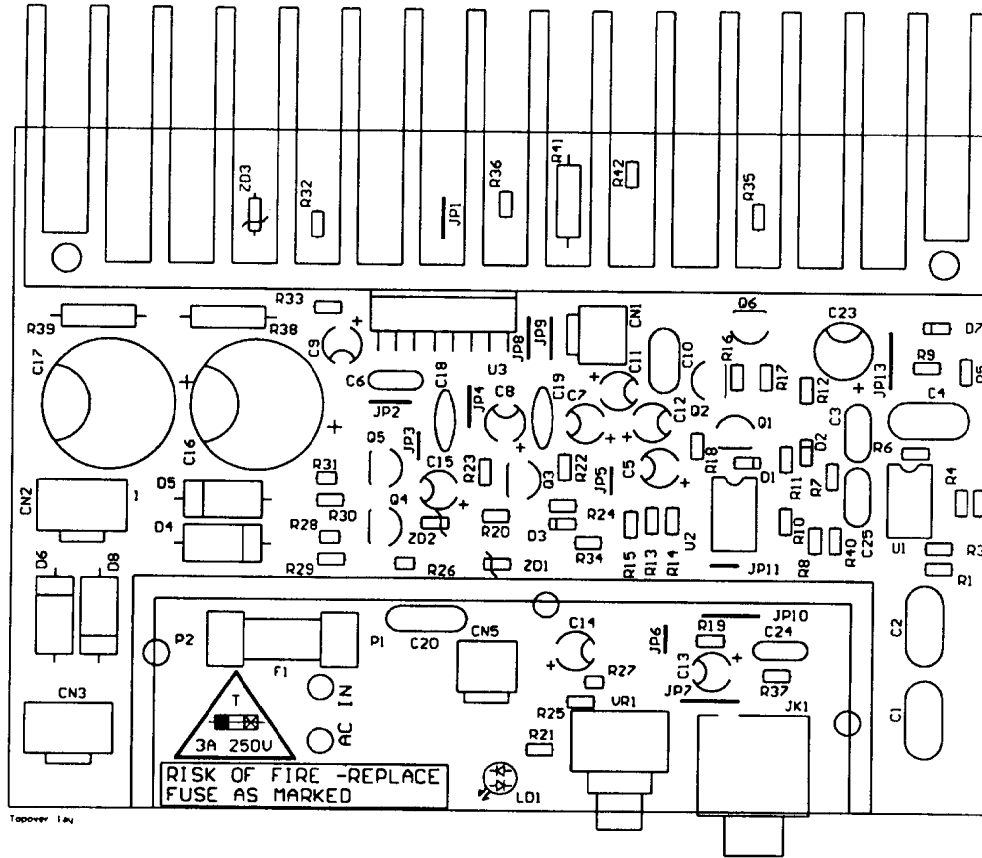
| | | | | | MODEL NUMBER | 10B9Z7F7-0 | MODEL NAME | SKW-HT20 SUB |
|------------------|------------|-------------|---------------------|---|---------------|---|--------------|--------------|
| NO | ADDRESS | PARTS NO. | DESCRIPTION | SPECIFICATION | ASSEMBLY AREA | | REMARKS | |
| R39 | 2001306601 | 1313033269 | CARBON FILM-R | 1/2W 3.3K Ω \pm 5% | | | TAPING | |
| R40 | 2001306601 | 1371270249 | METAL FILM-R | 1/4WS 27K Ω \pm 1% | | | TAPING | |
| R41 | 2001306601 | 1313022969 | CARBON FILM-R | 1/2W 2.2 Ω \pm 5% | | | TAPING | |
| R42 | 2001306601 | 1311010269 | CARBON FILM-R | 1/4WS 1K Ω \pm 5% | | | TAPING | |
| C1 | 2001306601 | 1632823320 | MYLAR-CAP | 100V 0.082 μ F \pm 5% | | | P:5.0 TAPING | |
| C2 | 2001306601 | 1632823320 | MYLAR-CAP | 100V 0.082 μ F \pm 5% | | | P:5.0 TAPING | |
| C3 | 2001306601 | 1632333320 | MYLAR-CAP | 100V 0.033 μ F \pm 5% | | | P:5.0 TAPING | |
| C4 | 2001306601 | 1682334320 | METALLIZED FILM-CAP | 100V 0.33 μ F \pm 5% | | | P:5.0 TAPING | |
| C5 | 2001306601 | 1543107112 | ELECT-CAP | 16V 100 μ F 85°C \pm 20% | | | P:5.0 TAPING | |
| C6 | 2001306601 | 1632103320 | MYLAR-CAP | 100V 0.01 μ F \pm 5% | | | P:5.0 TAPING | |
| C7 | 2001306601 | 1546106112 | ELECT-CAP | 50V 10 μ F 85°C \pm 20% | | | P:5.0 TAPING | |
| C8 | 2001306601 | 1546106112 | ELECT-CAP | 50V 10 μ F 85°C \pm 20% | | | P:5.0 TAPING | |
| C9 | 2001306601 | 1544476112 | ELECT-CAP | 25V 47 μ F 85°C \pm 20% | | | P:5.0 TAPING | |
| C10 | 2001306601 | 1632473320 | MYLAR-CAP | 100V 0.047 μ F \pm 5% | | | P:5.0 TAPING | |
| C11 | 2001306601 | 1546226112 | ELECT-CAP | 50V 22 μ F 85°C \pm 20% | | | P:5.0 TAPING | |
| C12 | 2001306601 | 1543107112 | ELECT-CAP | 16V 100 μ F 85°C \pm 20% | | | P:5.0 TAPING | |
| C13 | 2001306601 | 1543107112 | ELECT-CAP | 16V 100 μ F 85°C \pm 20% | | | P:5.0 TAPING | |
| C14 | 2001306601 | 1543107112 | ELECT-CAP | 16V 100 μ F 85°C \pm 20% | | | P:5.0 TAPING | |
| C15 | 2001306601 | 1543107112 | ELECT-CAP | 16V 100 μ F 85°C \pm 20% | | | P:5.0 TAPING | |
| C16 | 2001306601 | 1545478111 | ELECT-CAP | 35V 4700 μ F 85°C \pm 20% | | | P:7.5 | |
| MEMO : | | | | | | | | |
| DATE : 2002/3/13 | | VERSION : C | |  | |  | | |
| FORM : ANNIE | | DESIGN : | |  | |  | | |

| | | | | | MODEL NUMBER | 10B9Z7F7-0 | MODEL NAME | SKW-HT20 SUB |
|------------------|------------|-------------|----------------------|---|---------------|---|------------|--------------|
| NO | ADDRESS | PARTS NO. | DESCRIPTION | SPECIFICATION | ASSEMBLY AREA | REMARKS | | |
| C17 | 2001306601 | 1545478111 | ELECT-CAP | 35V 4700 μ F 85°C \pm 20% | | P:7.5 | | |
| C18 | 2001306601 | 1734104272 | CERAMIC-CAP | 100V 0.1 μ F F +80 ~ -20% | | P:5.0 TAPING | | |
| C19 | 2001306601 | 1734104272 | CERAMIC-CAP | 100V 0.1 μ F F +80 ~ -20% | | P:5.0 TAPING | | |
| C20 | 2001306601 | 1875472320 | CERAMIC-CAP | 250VAC 0.0047 μ F E \pm 20% | | | | |
| C21 | - | - | - | - | | | | |
| C22 | - | - | - | - | | | | |
| C23 | 2001306601 | 1543477112 | ELECT-CAP | 16V 470 μ F 85°C \pm 20% | | P:5.0 TAPING | | |
| C24 | 2001306601 | 1652101420 | MYLAR-CAP(SPECIAL B) | 100V 100PF \pm 10% | | P:5.0 TAPING | | |
| C25 | 2001306601 | 1632333320 | MYLAR-CAP | 100V 0.033 μ F \pm 5% | | P:5.0 TAPING | | |
| VR1 | 2001306601 | 1951032347 | VR(ROTARY) | 10KB \times 2 12mm(H:10mm) | | RV122-20-15F-B14 | | |
| P1 | 2001306601 | 2211000004 | FUSE HOLDER | WL-210A | | | | |
| P2 | 2001306601 | 2211000004 | FUSE HOLDER | WL-210A | | | | |
| JK1 | 2001306601 | 2460601058 | JACK(RCA) | 1P BLACK | | WSP241VB | | |
| JP1 | 2001306601 | 2350608000 | JUMPER WIRE | 0.6 ϕ -8.0 | | | | |
| JP2 | 2001306601 | 2350608000 | JUMPER WIRE | 0.6 ϕ -8.0 | | | | |
| JP3 | 2001306601 | 2350606000 | JUMPER WIRE | 0.6 ϕ -6.0 | | | | |
| JP4 | 2001306601 | 2350608000 | JUMPER WIRE | 0.6 ϕ -8.0 | | | | |
| JP5 | 2001306601 | 2350606000 | JUMPER WIRE | 0.6 ϕ -6.0 | | | | |
| JP6 | 2001306601 | 2350606000 | JUMPER WIRE | 0.6 ϕ -6.0 | | | | |
| JP7 | 2001306601 | 2350610000 | JUMPER WIRE | 0.6 ϕ -10 | | | | |
| MEMO : | | | | | | | | |
| DATE : 2002/3/13 | | VERSION : C | |  | |  | | |
| FORM : ANNIE | | DESIGN : | |  | |  | | |
| | | | | | MANAGER : | | | |

| TOLERANCES | A | B | C | D | ANGLE |
|------------|--------|--------|-------|-------|-------|
| -16 | ± 0.05 | ± 0.1 | ± 0.2 | ± 0.4 | ± 10° |
| 16-63 | ± 0.1 | ± 0.2 | ± 0.4 | ± 0.6 | ± 15° |
| 63-150 | ± 0.15 | ± 0.25 | ± 0.5 | ± 0.8 | ± 30° |
| 150-250 | ± 0.2 | ± 0.3 | ± 0.6 | ± 1 | ± |
| 250-500 | ± 0.4 | ± 0.6 | ± 0.8 | ± 1.5 | ± |

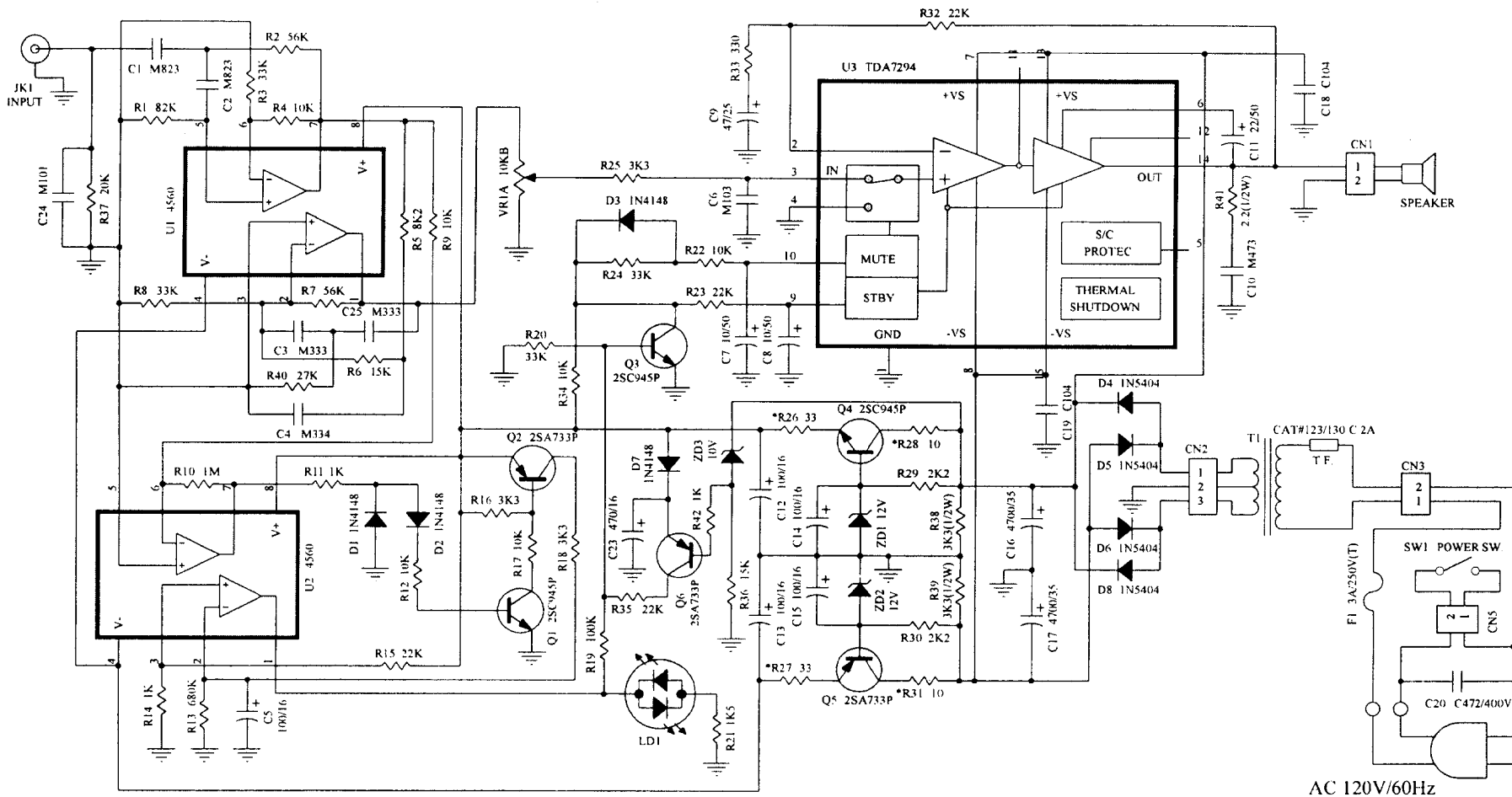
備註:

1. 未標註公差之尺寸請參照公差表內(C).
2. 未標註之圓角為R1.0
3. 不得有毛邊, 縮水, 變形, 黑點.
4. □為修改或新增之尺寸.
5. ○為需檢驗項目, 其它項為參考尺寸.



| D | | | |
|-----|--|-------------|---------|
| C | | | |
| B | | | |
| A | Changed layer and added a resistor R42 | 2001 05. 29 | JERRY |
| ISS | CHANGE RECORDS | DATE | REVISER |

| TITLE. 背文圖 | REV | SHEET | MODEL. ONKYO | DATE. 2001. 05. 07 |
|----------------------------|-----------------|-----------|--------------|--------------------|
| | B | 1/1 | | |
| MATERIAL. FR-1 130°C 1.6t | NO. C2001306601 | UNIT. N/A | SCALE. 1/1 | |
| COATING. 白色油墨印刷 | DRAWER. JERRY | APPROVAL | CHECKED | DESIGN |
| Zylux Acoustic Corporation | | | | |
| | | | | |



* FUSIBLE RESISTOR

| | | | |
|-----|--|------------|---------|
| D | | | |
| C | | | |
| B | | | |
| A | Changed layer and added a resistor R42 | 2001.05.29 | JERRY |
| ISS | CHANGE RECORDS | DATE | REVISER |

| | | | | |
|----------------------------|-----------------|------------------------|--------------------|--------------------|
| TITLE. 電路圖 | REV | SHEET | MODEL. ONKYO | DATE. 2001.05.07 |
| | B | 1/1 | UNIT. N/A | SCALE. FREE |
| MATERIAL. N/A | NO. C2001306601 | APPROVAL | CHECKED | DESIGN |
| COATING. N/A | DRAWER. JERRY | 李 MAY 29 2001 紀南 | 黃 90.5.29 子明 | 黃 90.5.29 子明 |
| Zylux Acoustic Corporation | | | | |

BILL OF MATERIALS

| | | | |
|---------------------|-------------------|-------------------|---------------------------|
| MODEL NUMBER | HT-060001A | MODEL NAME | SKW-HT20 SUBWOOFER |
|---------------------|-------------------|-------------------|---------------------------|

| NO | PARTS NO. | DESCRIPTION | SPECIFICATION | UNIT | REMARKS |
|-----------|------------------|--------------------|---|-------------|----------------|
| 1 | 0003071002 | WASHER | $\phi 9 \times \phi 4.1 \times 0.85\text{mm}$ | 6 | |
| 2 | 0009F1A8-0 | SHRINK TUBE | $\phi 5 \times 15$ UL PVC GRAY | 2 | |
| 3 | 0009G2A1-1 | FIXED TIE | GT-100M UL | 2 | |
| 4 | 0009G3A6-0 | STRAIN RELIEF | $13.3 \times 11.8 \times 10.4\text{tmm}$ | 1 | 4W-2 |
| 5 | 0009H9A1-0 | BUSHING | TO-220A | 1 | |
| 6 | 000MB3A7-0 | BOTTON PLATE | $199 \times 247 \times 46$ ABS 94HB BLACK | 1 | |
| 7 | 000MB7A6-0 | FIXED BOX | $100 \times 35 \times 32.5$ ABS 94V-0 BLACK | 1 | |
| 8 | 000MC4A3-0 | TUBE CASE | $\phi 105.5 \times 37$ ABS 94HB BLACK | 1 | |
| 9 | 000MFOB1-0 | TUBE | $\phi 53.5 \times 204$ | 1 | |
| 10 | 000MH0D6-2 | KNOB | $\phi 17.5 \times 13.2\text{mm}$ ABS 94HB BLACK | 1 | |
| 11 | 000MIOA0-0 | GASKET | $\phi 14 \times \phi 7 \times 1\text{mm}$ HIPS BLACK | 1 | |
| 12 | 000MIOA1-0 | GASKET | $\phi 14 \times \phi 7 \times 1.8\text{tmm}$ 2.5mm HIPS BLACK | 1 | |
| 13 | 001LJOC7-0 | PAD | $\phi 22 \times 10.5$ RUBBER | 6 | |
| 14 | 0039IOK8-0 | GASKET | $\phi 7 \times \phi 3 \times 1\text{mm}$ WHITE | 3 | |
| 15 | 0039IOM2-0 | GASKET | EVA $156.5 \times 154.5 \times 2\text{mm}$ | 1 | |
| 16 | 0039IOM3-0 | GASKET | EVA $\phi 169 \times \phi 143 \times 2\text{mm}$ | 1 | |
| 17 | 0039J1B6-0 | EVATHENE DAMPING | $200 \times 160 \times 25(94\text{HF-1})$ | 1 | |
| 18 | 0044B7E9-0 | FIXED PLATE | $155.1 \times 153.1 \times 1.5\text{mm}$ BLACK | 1 | |
| 19 | 0044B7F9-0 | FIXED PLATE | $71.5 \times 12 \times 15 \times 1\text{mm}$ | 2 | |
| 20 | 004NB5D2-2 | HEAT SINK | $130 \times 38 \times 45\text{mm}$ ALUMINUM | 1 | |

MEMO :
DATE : 2002/3/13
VERSION : G
FORM : ANNIE
DESIGN :
MANAGER :


BILL OF MATERIALS

| | | | |
|---------------------|------------|-------------------|--------------------|
| MODEL NUMBER | HT-060001A | MODEL NAME | SKW-HT20 SUBWOOFER |
|---------------------|------------|-------------------|--------------------|

| NO | PARTS NO. | DESCRIPTION | SPECIFICATION | UNIT | REMARKS |
|----|------------|-----------------|---|------|----------|
| 21 | 0077C5A5-0 | WOOFER BOX | 347×199×249 12mm | 1 | |
| 22 | 0099E5A3-0 | SILICONE RUBBER | 23×20mm | 1 | |
| 23 | 0141V00-04 | NUT | φ 4mm | 4 | |
| 24 | 0142P10-08 | SCREW | M3×8(BLACK) | 1 | |
| 25 | 0142P20-06 | SCREW | M3×6(BLACK) | 4 | |
| 26 | 0142T10310 | SCREW | TP3 3×10(BLACK) | 8 | |
| 27 | 0142T10312 | SCREW | TP3 3×12(BLACK) | 8 | |
| 28 | 0142U10112 | SCREW | TP3 4×12(BLACK) | 8 | |
| 29 | 0142U10215 | SCREW | TP2 4×15(BLACK) | 6 | |
| 30 | 0149W00007 | SPECIAL SCREW | BM±4×8(φ 8)(BLACK) | 8 | |
| 31 | 0269Z3F6-0 | CABLE | RCA PLUG(BLACK)-RCA PLUG(BLACK) 22WAG UL1533 6100mm | 1 | |
| 32 | 1089Z7F7-0 | PCB ASSEMBLY | HT-060001(ONKYO SKS-HT490) | 1 | |
| 33 | 1000733161 | TRANSISTOR | 2SA733P T0-92 | 3 | TAPING |
| 34 | 1020945161 | TRANSISTOR | 2SC945P T0-92 | 3 | TAPING |
| 35 | 1252000039 | DIODE | 1N4148 DO-35 | 4 | TAPING |
| 36 | 1252000319 | DIODE | 1N5404 3A 400V | 4 | TAPING |
| 37 | 1253000149 | DIODE(ZENER) | 1/2W 10V | 1 | TAPING |
| 38 | 1253000169 | DIODE (ZENER) | 1/2W 12V | 2 | TAPING |
| 39 | 1257000351 | DIODE (LED) | 3φ (RED、GREEN) | 1 | 307SGM2E |
| 40 | 1281000151 | IC | BA4560 DIP8 | 2 | |

MEMO :

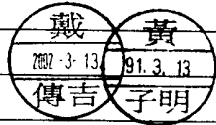
DATE : 2002/3/13

VERSION : G

FORM : ANNIE

DESIGN :

MANAGER :



BILL OF MATERIALS

| | | | |
|---------------------|-------------------|-------------------|---------------------------|
| MODEL NUMBER | HT-060001A | MODEL NAME | SKW-HT20 SUBWOOFER |
|---------------------|-------------------|-------------------|---------------------------|

| NO | PARTS NO. | DESCRIPTION | SPECIFICATION | UNIT | REMARKS |
|----|------------|-------------------------|---------------------|------|---------------|
| 41 | 1281000481 | IC | TDA7294 MULTIWATT15 | 1 | |
| 42 | 1311010269 | CARBON FILM-R | 1/4WS 1KΩ ±5% | 3 | TAPING |
| 43 | 1311010369 | CARBON FILM-R | 1/4WS 10KΩ ±5% | 5 | TAPING |
| 44 | 1311010469 | CARBON FILM-R | 1/4WS 100KΩ ±5% | 1 | TAPING |
| 45 | 1311010569 | CARBON FILM-R | 1/4WS 1MΩ ±5% | 1 | TAPING |
| 46 | 1311015269 | CARBON FILM-R | 1/4WS 1.5KΩ ±5% | 1 | TAPING |
| 47 | 1311015369 | CARBON FILM-R | 1/4WS 15KΩ ±5% | 1 | TAPING |
| 48 | 1311020369 | CARBON FILM-R | 1/4WS 20KΩ ±5% | 1 | TAPING |
| 49 | 1311022269 | CARBON FILM-R | 1/4WS 2.2KΩ ±5% | 2 | TAPING |
| 50 | 1311022369 | CARBON FILM-R | 1/4WS 22KΩ ±5% | 4 | TAPING |
| 51 | 1311033169 | CARBON FILM-R | 1/4WS 330Ω ±5% | 1 | TAPING |
| 52 | 1311033269 | CARBON FILM-R | 1/4WS 3.3KΩ ±5% | 3 | TAPING |
| 53 | 1311033369 | CARBON FILM-R | 1/4WS 33KΩ ±5% | 2 | TAPING |
| 54 | 1311068469 | CARBON FILM-R | 1/4WS 680KΩ ±5% | 1 | TAPING |
| 55 | 1313022969 | CARBON FILM-R | 1/2W 2.2Ω ±5% | 1 | TAPING |
| 56 | 1313033269 | CARBON FILM-R | 1/2W 3.3KΩ ±5% | 2 | TAPING |
| 57 | 1362010063 | CARBON FILM-R (FUSIBLE) | 1/4W 10Ω ±5% | 2 | TYPE:FRN BULK |
| 58 | 1362033063 | CARBON FILM-R (FUSIBLE) | 1/4W 33Ω ±5% | 2 | TYPE:FRN BULK |
| 59 | 1371100249 | METAL FILM-R | 1/4WS 10KΩ ±1% | 1 | TAPING |
| 60 | 1371150249 | METAL FILM-R | 1/4WS 15KΩ ±1% | 1 | TAPING |

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FORM : ANNIE

DESIGN :

MANAGER :

BILL OF MATERIALS
**MODEL
NUMBER**

HT-060001A

**MODEL
NAME**
**SKW-HT20
SUBWOOFER**

| NO | PARTS NO. | DESCRIPTION | SPECIFICATION | UNIT | REMARKS |
|----|------------|-----------------------|------------------------|------|------------------|
| 61 | 1371270249 | METAL FILM-R | 1/4WS 27KΩ ±1% | 1 | TAPING |
| 62 | 1371330249 | METAL FILM-R | 1/4WS 33KΩ ±1% | 2 | TAPING |
| 63 | 1371560249 | METAL FILM-R | 1/4WS 56KΩ ±1% | 2 | TAPING |
| 64 | 1371820149 | METAL FILM-R | 1/4WS 8.2KΩ ±1% | 1 | TAPING |
| 65 | 1371820249 | METAL FILM-R | 1/4WS 82KΩ ±1% | 1 | TAPING |
| 66 | 1543107112 | ELECT-CAP | 16V 100μF 85°C ±20% | 5 | P:5.0 TAPING |
| 67 | 1543477112 | ELECT-CAP | 16V 470μF 85°C ±20% | 1 | P:5.0 TAPING |
| 68 | 1544476112 | ELECT-CAP | 25V 47μF 85°C ±20% | 1 | P:5.0 TAPING |
| 69 | 1545478111 | ELECT-CAP | 35V 4700μF 85°C ±20% | 2 | P:7.5 |
| 70 | 1546106112 | ELECT-CAP | 50V 10μF 85°C ±20% | 2 | P:5.0 TAPING |
| 71 | 1546226112 | ELECT-CAP | 50V 22μF 85°C ±20% | 1 | P:5.0 TAPING |
| 72 | 1632103320 | MYLAR-CAP | 100V 0.01μF ±5% | 1 | P:5.0 TAPING |
| 73 | 1632473320 | MYLAR-CAP | 100V 0.047μF ±5% | 1 | P:5.0 TAPING |
| 74 | 1632333320 | MYLAR-CAP | 100V 0.033μF ±5% | 2 | P:5.0 TAPING |
| 75 | 1632823320 | MYLAR-CAP | 100V 0.082μF ±5% | 2 | P:5.0 TAPING |
| 76 | 1652101420 | MYLAR-CAP (SPECIAL B) | 100V 100PF ±10% | 1 | P:5.0 TAPING |
| 77 | 1682334320 | METALLIZED FILM-CAP | 100V 0.33μF ±5% | 1 | P:5.0 TAPING |
| 78 | 1734104272 | CERAMIC-CAP | 100V 0.1μF F +80~-20% | 2 | P:5.0 TAPING |
| 79 | 1875472320 | CERAMIC-CAP | 250VAC 0.0047μF E ±20% | 1 | |
| 80 | 1951032347 | VR(ROTARY) | 10KB×2 12mm(H:10mm) | 1 | RV122-20-15F-B14 |

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|---------------------|-------------------|-------------------|---------------------------|
| MODEL NUMBER | HT-060001A | MODEL NAME | SKW-HT20 SUBWOOFER |
|---------------------|-------------------|-------------------|---------------------------|

| NO | PARTS NO. | DESCRIPTION | SPECIFICATION | UNIT | REMARKS |
|-----|------------|-----------------|---|------|----------------|
| 81 | 2001306601 | PC BOARD | FIGURED 1.6t FR-1 130°C V-0 REV-B | 1 | |
| 82 | 2023111021 | SWITCH | RA12KKATOF | 1 | |
| 83 | 2110620460 | SPEAKER | 4Ω 6"(FS-060003) | 1 | SUB |
| 84 | 2201230218 | FUSE | 250V 3A UL | 1 | TIME LAG(SIC) |
| 85 | 2211000004 | FUSE HOLDER | WL-210A | 2 | |
| 86 | 2262200150 | POWER CORD | AC(120V) NISPT-2 2000mm | 1 | SIN-21T-1.8S |
| 87 | 2350606000 | JUMPER WIRE | 0.6φ-6.0 | 4 | |
| 88 | 2350608000 | JUMPER WIRE | 0.6φ-8.0 | 5 | |
| 89 | 2350610000 | JUMPER WIRE | 0.6φ-10 | 3 | |
| 90 | 2360080139 | CONNECTIVE CORD | 2P-80 22AWG UL1015 | 1 | VHR-2N |
| 91 | 2360180138 | CONNECTIVE CORD | 2P-300 20AWG UL2468 | 1 | VHR-2N 187/110 |
| 92 | 2460601058 | JACK(RCA) | 1P BLACK | 1 | WSP241VB |
| 93 | 2489002002 | PLUG | 2P-3.96mm | 2 | B2P-VH |
| 94 | 2489003029 | PLUG | 3P-3.96mm CENTER BLANK | 1 | B3P-VH |
| 95 | 2489003030 | PLUG | 3P-3.96mm | 1 | B3P-VH |
| 96 | 3003200041 | TRANSFORMER | UL(AC120V) LOADING DC25.8V×2 1.8A NO LOAD DC32V×2 | 1 | LS-A7446-PT |
| 97 | | | | | |
| 98 | | | | | |
| 99 | | | | | |
| 100 | | | | | |

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MULTIMEDIA SPEAKER(AMPLIFIER SECTION)

| ITEM | UNIT | LIMIT FOR PRODUCTION | REMARK | |
|------|---------------------------------|----------------------|----------|---|
| 1 | Continuous Average Power Output | W | > 50 | Rated Output(1%) |
| | | | — | Max Output: _____ |
| 2 | Total Harmonic Distortion | % | < 0.1 | Output: 5W/60Hz |
| 3 | Power Band Width | Hz | — | Rated Output (1%) 0db: 60 Hz -3db Down 40hm/60Hz |
| 4 | Sensitivity | mV | 60 ~ 100 | 4 Ohms/50Hz(Sub) Rated output(1%) |
| 5 | Equalizer Frequency | dB | -3 | Frequency: 30±5Hz ~ 130±10Hz 0dB: 4.47V/60Hz |
| 6 | Signal To Noise Ratio | dB | > 70 | Level 0db: 4.47V/60Hz |
| 7 | Separation | dB | — | Level 0db: Input: Short |
| 8 | Inner Noise | mV | < 2 | Input: 0 |
| | Residual Output | mV | < 10 | Input: Sens.x5 |
| 9 | Input Impedance | OHM | — | Normal Input |
| | | | > 15K | Floating Input |
| | | | — | Line Input |
| | | | | Frequency 1KHz |
| 10 | Power Consumption | W | < 120 | Rated Output (1%) |
| 11 | Auto On(Level) | mV | 5 ~ 8 | Frequency: 60Hz |
| 12 | Auto Off(Time) | Minute | 4 ~ 6 | Input : 0 |
| 13 | Dimension | mm | _____ W | _____ H. |
| | | | | _____ D. |

STANDARD CONDITION : AC 120V/60Hz
LOAD : 4 OHMS(Sub)
TEST FREQUENCY : 60Hz

| | | | | | | | |
|--------------------|--|------|---------|--------------------------|-----------|--------------|--------|
| E | | | | TITLE : SPECIFICATION | UNIT : mm | SCALE : Free | |
| D | | | | MODEL : HT-060001(ONKYO) | APPROVAL | CHECKED | DESIGN |
| C | | | | REV | SHEET | DRAWER | |
| B | | | | | | | |
| A | | | | A | 1/1 | 游錦叔 | 黃子明 |
| ISS CHANGE RECORDS | | DATE | REVISER | | | | |