# A/V STEREO
# RF PSEUDO STEREO

# AV STEREO(TDA9859)

# RF STEREO(MSP3410G)

# RF STEREO

## SPECIFICATION
Vcc=6~12~18V
Po=5~6-WATTS
(THD=10%,RL=8 OHM,Vcc=12V)

Q606 TDA8943SF

MAIN INPUT(TV)

IN CASE OF FM MONO MODEL

MODE[MUTE:HIGH,NORMAL:LOW]

Q606
ST : TDA8944J

MODE[MUTE:HIGH,NORMAL:LOW]

## SPECIFICATION
Vcc=16~24~34V
Ipp=-1.5~+1.5App

Q301 LA78040

THERMAL PROTECTION

AMP

PUMP UP

GND

POWER GND

VERTICAL GND

T461 BSC25-6826

HORIZONTAL GND

VERTICAL GND

Q501
TDA9361: SUPPORT TELETEXT
TDA9381:NOT SUPPORT TELETEXT

Q002 AT24C08

Q801 STR-G5653

T801 KPH-1179

Q901 TDA6107Q/N3

Q501 TDA9859

Q502 TDA3845

QS01 MSP3410G

H001 TECC2949PG3SF

Z101 K9259K

Z102 K9352M

JV01 PJ06037B

PV03 PJ6047

JV02 S-456K

JVS1

JVS2

MVS1

MVS2

P601

P602

P801

P802

W661 SPK3123 16 OHM MAX 8W

W662 SPK3123 16 OHM MAX 8W

W663 SPK3175 8 OHM MAX 8W

R-OUT

L-OUT

R-SOUND

L-SOUND

LOUT

ROUT

LOUDSPEAKER

MAIN INPUT(TV)

Vcc(8V)

QS5 IF

IN CASE OF AV STEREO MODEL

IN CASE OF RF STEREO MODEL

EXTERNAL VIDEO IN

EXTERNAL CVBS

EXTERNAL L/R

EX CVBS

EX.AUDIO OUT

EX.AUDIO OUT (IN CASE OF FM MONO MODEL)

IN CASE OF RF AUDIO THROUGH-OUT ONLY

IN CASE OF FM MONO ONLY

POWER ON:LOW ST-BY:HIGH

POWER:ACTIVE LOW

*DELETION IN THE RF STEREO MODEL

## WHEN NOT SUPPORT RF NTSC 3.58/4.43 SYSTEM

| | | |
|---|---|---|
| Z101 | K6259K | --> SAFGP38M9VAYZL1A01 |
| Z203 | 4.5MB | --> DELETED |
| D163 | MA859 | --> DELETED |
| RN02 | 3.3K | --> DELETED |
| RN03 | 100K | --> DELETED |
| R204 | 180 | --> DELETED |
| L202 | 5.6uH | --> DELETED |
| Q902 | C3198Y | --> DELETED |
| QN12 | C200Y | --> DELETED |

## COMPARISON LIST

| | | 14 INCH | 20 INCH | 21 INCH |
|---|---|---|---|---|
| | | S/S A34KQV42XX01 DSE-1422QL | S/S A48KRD82X01 DSE-1992PL | S/S A51KQ363 |
| | | S/S A34KQV42X SHO-M1425 | | |
| V801 | | LG A34KPU82XA9 SHO-M1422 | LG A48QAD228X SHO-2092 | |
| CPT | DY COIL | S/S A34KQV42XX01 QPC-E3704-2 | OEC A48JRV90* SHO-S2091 | OEC A51QC090* |
| C813 | | PLASTIC 682M | PLASTIC 332M | PLASTIC 332M |
| C405 | | 1.6KV 8200 | 1.6KV 8200 | 1.6KV 7500 |
| C421 | | 1.6KV 390 | 2KV 470 (S/S) 1.6KV 1000(OEC) 5KV 390 (LG) | 1.6KV 390 |
| C404 | | 200V 0.27uF | 200V 0.27u(S/S,OEC) 250V 0.24u(LG) | 200V 0.27u |
| L401 | | KLN-2045 | KLN-5167 (310uH) | KLN-2061 |
| R485 | | 1/2R 12K | 1/2R 8.2K | 1/2R 8.2K |
| R486 | | 1/2R 0.75 | 2W 1.5 | 2W 1.8 |
| R402 | R404 | 1W 39 | 1W 27 | 1W 27 |
| R309 | | 1/2R 1.5 | 1/2R 1.2 (S/S,LG) 1/2R 1 (OEC) | 1/2R 1.2 |
| R307 | | 150K | 150K | 110K |
| R310 | | 82K | 82K | 110K |
| L901 | | KSB-2184 | KSB-2185 | KSB-2186 |

* NOTICE *
1.THE PARTS IDENTIFIED BY THE INTERNATIONAL HAZARD SYMBOLS ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH PART NUMBER SPECIFIED.
2.THE CIRCUITS ARE SUBJECT TO CHANGEWITHOUT NOTICE.

**NOTE**

1. ALL RESISTORS ARE 1/6W CARBON FILM RESISTOR UNLESS OTHERWISE LISTED. RESISTANCE IS SHOWN IN OHM; K=1,000 M=1,000,000. 1/2R : OXIDE METAL FILM 1/2W. 1/2S : CARBON SOLID 1/2W SW : CEMENT RESISTOR
2. UNLESS OTHERWISE NOTED IN SCHEMATIC, ALL CAPACITOR VALUES LESS THAN 1 ARE EXPRESSED IN pF.
3. UNLESS OTHERWISE NOTED IN SCHEMATIC, ALL INDUCTOR VALUES LESS THAN 1 ARE EXPRESSED IN uF.
4. VOLTAGES READ WITH VTVM FROM POINT SHOWN TO CHASSIS GROUND. LINE VOLTAGE 220V 50/60HZ VOLTS,COLOR-BAR SIGNAL. THE STATE OF PICTURE AND SOUND IS P.STD AND S.STD!
5. ALL WAVEFORMS ARE TAKEN USING A WIDE BAND OSCILLOSCOPE AND A LOW CAPACITY PROBE. THE STATE OF PICTURE AND SOUND IS P.STD AND S.STD!
6. " * " MARK MEANS NOT-USED.
7. YUV MODE AND RGB(SCART) MODE CAN NOT EXIST AT THE SAME TIME! ONE OF TWO MODE ONLY CAN BE POSSIBLE.

| COLOR TV RECEIVER SCHEMATIC DIAGRAM | | |
|---|---|---|
| DRAWING BY : YANG GYUN KIM 2002.05.31 | MODEL | 14A11S00 20A11S00 21QC09B |
| DESIGNED BY : SUNG WON LEE 2002.05.31 | SCHEMATIC MODEL NO. | |
| CHECKED BY : | CHASSIS NO. | |
| APPROVED BY : | KOREA ELECTRONICS CORPORATION | |
| FIN. APPROVED BY : | DRAWING NO. | |