MAIN BOARD

TUNER
BU BT BH AGC BL AFT BM IF
VT
C103 1u
C108 0.1u
C104 1u
C107 10u
C105 1u
C102 47u
R111 150K
R102 10K
R103 10K
R105 33K
B0
B1
IC101 LA7910
C106 47u
R048 1.5K
SEARCH
HEAT
D306 4148
R101 330
C018 1u
C101 10u
SUR-MUTE
MUTE
C0
5V
SEARCH
C1
B0
B1
AFT
5V
RGB IN
FB
KEY
KEY
KEY ROW
KEY ROW
KEY ROW
TXT-ON/OFF
ON
IRIN
5V
D/K
I
B/G
N/M
5V
C002 0.01u
C438 47u
R423 1K
R033 1K
R005 1.5K
C003 0.01u
R032 1K
C018 0.01u
C004 0.01u
R006 5.1K
R007 5.1K
R003 120K
R004 33K
R211 1K
C201 22u
R015 12K
R009 5.1K
R008 5.1K
R010 5.1K
AV
P+
V+
P-
V-
ASM
PIC
S-SYS
Q004
Q001 C1815
R002 100K
C001 10u
R071 10K
R029 10K
R028 10K
R076 10K
R031 10
C011 0.022u
LED100
M001
R003 1K
R011 5.1K
R012 5.1K
R013 5.1K
R014 1K
IC001 ST6388
GND
9V
R104 100
C109 0.01u
R107 100
L102 X33.5M
R130 10k
+9v
C110 0.01u
R108 5.6K
L103 1uH
R106 100
R115 220
C106 47u
Q102 C2717
C112 0.01u
R110 1.2K
R109 22
Q101 2SC1815
SAW101
K2955M
R1135.1K
C115 1u
C117 0.01u
C116 47u
C119 1u
C118 0.1U
TVL TVR
VR101 10KB
C114 0.01u
C007 0.01u
+5V
SW
C006 47u
R017 5.1K
R018 5.1K
R036 10K
R050 5.1K
R625 10K
C016 1u
WOOFER-MUTE
SCL
SDA
AV IN
POWER
IRIN
VT
RESET
8M
8M
GND
OSC
OSC
V.SYNC
H.SYNC
FB
B
G
R
V.SYNC
FLYH
OSD FB
OSD B
OSD G
OSD R
IC001 ST6388
R025 33K
+32V
R019 12K
Q003 1815
R024 22K
R016 33k
R001 33K
C014 0.1u
C005 0.1µ
C008 150P
R026 3.3K
R228 5.1K
+5V
C009 22P
C015 1u
X001 8M
C010 22P
C013 22P
L001 39uH
C012 22P
C021 1000P
Q005 C1815
R034 2.2K
D001 4148
D004 4148
D003 4148
D002 4148
R020 5.1K
R021 5.1K
R022 5.1K
R023 5.1K
OSD FB
OSD B
OSD G
OSD R
VIDEO OUT
AV IN
SCL
SDA
9V
5V
CVBS
Q701 A1015
R708 5K1
Q702 1815
R705 5K1
C701 0.1U/63V
R701 5K1*4
R
G
B
OSD FB
D701~D704 4*4148
C707 100U/16V
IC701 STV5348/H
CVBS1 VDDA 3 4 5 6 7 R G B OSD FB BLANK
OBLK 27 26 25 24 23 22 21 20 19 18 17 16 15 SDA SCL
XTI XTO VDDD VCR/TV
C702 0.1U/63V
X701 13.875M
C703 15P
C704 15P
C706 56P
R706 100
R707 100
C705 56P
SCL
SDA
RO
LO
R717 560
C719 4.7u
R716 560
C718 4.7u
R404 68
Q401 1815
R405 560
9V
L2
R2
V2
L1
R1
V1
L3
R3
V3
R715 22K
R703 22K
R713
R712 22K
OUT
IN
VIDEO OUT
S-Y IN
P703
C701 0.01u
S-C IN
R701 75
S-C OUT
S-C IN
R710 1K
R704 1K
IC402 HEF4052BP
C403 1u
C402 1u
C401 1u
R403 75
R401 75
D110 4148
D109 4148
AV1 IN
CL
CO
SW
C409 5.6n
C404 5.6n
R411 2.7K
R410 5.6K
R409 5.6K
R408 2.7K
C414 1u
C410 C405 C411 C406 C407 C412 C408 C413
18n 22n 100n 100n 100n 100n 22n 18n
IC401 TDA7439
C417 10u
C416 47u
R414 1K
R415 1K
C419 1u
C418 1u
C421 1u
C420 1u
C423 1u
C422 1u
R713 22K
R712 22K
C415 1u
R412 560
C425 1u
R413 560
C424 1u
TV RO
TV LO
TVL IN
TVR IN
AVL OUT
AVR OUT
AV2 IN
AV&S-Y OUT
S-Y IN
AV1 IN
C403 1u
R402 75
C401 1u
R401 75
C414 1u
C415 1u
R412 560
C425 1u
R413 560
C424 1u
C416 47u
C417 10u
R414 1K
R415 1K
C419 1u
C418 1u
C421 1u
C420 1u
C423 1u
C422 1u
R713 22K
R712 22K
C403 1u
R402 75
C401 1u
R401 75
D110 4148
D109 4148
C402 1u
R403 75
C410 C405 C411 C406 C407 C412 C408 C413
18n 22n 100n 100n 100n 100n 22n 18n
R411 2.7K
R410 5.6K
R409 5.6K
R408 2.7K
C414 1u
C409 5.6n
C404 5.6n
R710 1K
R704 1K
IC402 HEF4052BP
R710 1K
R704 1K
IC402 HEF4052BP
C403 1u
C402 1u
C401 1u
R403 75
R401 75
D110 4148
D109 4148
AV1 IN
CL
CO
SW
S-Y IN
AV2 IN
AV&S-Y OUT
AVR OUT
TVR IN
AVL OUT
TV RO
TV LO
TVL IN
TVR IN
C425 1u
R412 560
C415 1u
R413 560
C424 1u
C416 47u
C417 10u
R414 1K
R415 1K
C419 1u
C418 1u
C421 1u
C420 1u
C423 1u
C422 1u
R713 22K
R712 22K
C414 1u
C409 5.6n
C404 5.6n
R411 2.7K
R410 5.6K
R409 5.6K
R408 2.7K
C410 C405 C411 C406 C407 C412 C408 C413
18n 22n 100n 100n 100n 100n 22n 18n
IC401 TDA7439
SCL
SDA
9V
TV RO
TV LO
TVL IN
TVR IN
AVL OUT
AVR OUT
AV2 IN
AV&S-Y OUT
S-Y IN
AV1 IN
CL
CO
SW
R710 1K
R704 1K
IC402 HEF4052BP
C403 1u
C402 1u
C401 1u
R403 75
R401 75
D110 4148
D109 4148
S-C OUT
S-C IN
R701 75
C701 0.01u
S-C IN
S-Y IN
P703
VIDEO OUT
OUT
IN
R715 22K
R703 22K
R713
R712 22K
R404 68
Q401 1815
R405 560
R717 560
C719 4.7u
R716 560
C718 4.7u
RO
LO
SCL
SDA
IC701 STV5348/H
CVBS1 VDDA 3 4 5 6 7 R G B OSD FB BLANK
OBLK 27 26 25 24 23 22 21 20 19 18 17 16 15 SDA SCL
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G
B
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AV IN
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Q401 1815
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9V
VIDEO OUT
S-Y IN
P703
C701 0.01u
S-C IN
R701 75
L2
R2
V2
L1
R1
V1
L3
R3
V3
R715 22K
R703 22K
R713
R712 22K
OUT
IN
S-C OUT
S-C IN
R710 1K
R704 1K
IC402 HEF4052BP
C403 1u
C402 1u
C401 1u
R403 75
R401 75
D110 4148
D109 4148
AV1 IN
CL
CO
SW
S-Y IN
AV2 IN
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AVR OUT
TVR IN
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TV RO
TV LO
TVL IN
TVR IN
C425 1u
R412 560
C415 1u
R413 560
C424 1u
C416 47u
C417 10u
R414 1K
R415 1K
C419 1u
C418 1u
C421 1u
C420 1u
C423 1u
C422 1u
R713 22K
R712 22K
C414 1u
C409 5.6n
C404 5.6n
R411 2.7K
R410 5.6K
R409 5.6K
R408 2.7K
C410 C405 C411 C406 C407 C412 C408 C413
18n 22n 100n 100n 100n 100n 22n 18n
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R710 1K
R704 1K
IC402 HEF4052BP
C403 1u
C402 1u
C401 1u
R403 75
R401 75
D110 4148
D109 4148
S-C OUT
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C701 0.01u
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