A-BOARD
V 1
V2
V 3
V
V OUT
V1
C1
Y1
V2
C2
Y2
V3
Q3026
H-BOARD
R3115
R3119
R3117
R3109
R3113
R3110
R3106
R3025
22
26
24
15
19
17
8
53
V4
C4
Y4
V3
C3
Y3
V2
YIN1
R3124
Y-IN
YOUT1
56
TNR001
TV1-V
R3127
60
V5
COUT1
58
R3125
C-IN
IC3003
A/V SWITCH
TNR002
TV2-V
R3129
63
TV
YOUT2
39
R3122
Y-IN
COUT2
37
R3121
C-IN
V1
C1
Y1
1
5
3
R3100
R3104
R3102
A/V 4
G-BOARD

V
V OUT
H-BOARD
YUV 1
YUV 2
Y1
PB1
PR1
Y2
PB2
PR2
R3162
R3163
R3164
R3188
R3189
R3190
5
7
9
74
75
76
Y3
PB3
PR3
SY_S
SC_S
SY_S
R3124
R3125
R3122
R3121
56
58
39
37
Y-IN
C-IN
Y-IN
C-IN
66
67
14
16
Y2
PB2
SY_M
SC_M
IC3002
A/V SWITCH
MAIN Y
MAIN PB
MAIN PR
SUB Y
SUB PB
SUB PR
YOUT1
PBOUT1
PROUT 1
YOUT2
PBOUT2
PROUT2
46
44
43
38
36
35
MAIN
35
CVBS1

IC4507
5M FIFO
MEM
DI
DO
DATA IN
DATA OUT
6 7 9 26 29 42 45 62 64 65
11 12 15 20 24 47 51 56 59 60
ANALOG Y
13
VIN+
IC4506
10 Bit
A/D
YUV 5-9
20-16
YUV 0-4
27-23
DIGITAL
156,155,154,148,147,
138,137,131,130,129
FO 0-9
153-149
FIN 0-4
136-132
FIN 5-9
YUV IN
YUV 0-9
51-60
Y IN/OUT
YIN 0-9
38-47
UV IN/OUT
UVIN 0-9
24-33
YUV OUT
UV0,UV1
255-256
RO 0-9
4-11
VM
254
102 VIN3
79 VIN1
96 VIN2
11 VIN3
91 VIN1
105 VIN2
IC4511
Global Core
Main Signal Processing
B G R
AO5 AO4 AO3 BCF GCF RCF BDV RDV
248 240 237 190 189 188 187 186
B G R BCF GCF RCF BDV RDV
RGB DRIVER
ROUT
GOUT
BOUT
B OSD
G OSD
R OSD
MAIN CC
SUB CC
35
38
CVBS1
CVBS0
IC4002
MPU
OSD B 24
OSD G 26
OSD R 27

IC4525
64MBit SDRAM
A0-A10
DQ0-DQ31
25,26,27,60,61
62,63,64,65,66
2,4,5,7,8,10,11,13,74,76,77,79
80,82,83,85,31,33,34,36,37,39
40,42,45,47,48,50,51,53,54,56
ADDRESS
DATA IN/OUT
ANALOG Y
13
VIN+
DIGITAL Y
YUV 5-9
20-16
YUV 0-4
27-23
IC4506
10 Bit
A/D
228-221
229,220,231
256-249
214-207
245-238
203-196
A0-A7
A8,A9,BS
SD0-SD7
SD8-SD15
SD16-SD23
SD24-SD31
YUV IN
YUV IN
YUV 0-9
51-60
141-132
YIN0,YIN1, BSYIN 0-7
Y IN/OUT
Y IN/OUT
YIN 0-9
38-47
154-145
YOUT 0-9
IC4518
Global Core
Sub Signal Processing
UV IN/OUT
UV IN/OUT
UVIN 0-9
24-33
168-159
UVOUT 0-9
YUV OUT
YUV OUT
UV0,UV1
255-256
190-181
YUV 0-9
RO 0-9
4-11
VM
254
DG-BOARD
BDV
RDV
187
186
BDV
RDV
ROUT
GOUT
BOUT
R OSD
A11
VM
R
G
B
9
3
4
5