VCC

C1 100nF   C2 100uF
GND

U1

M04X2
TIA9 8   7 VCC
TIA13 6   5 TIA2
GND 4   3 TIA6
TIA7 2   1 TIA5
X1

GND

1 VCC
3 1A
5 2A
8 GND
9 4A
11 5A
14 6A
7 3A
16 NC_2
13 NC

1Y 2
2Y 4
3Y 6
4Y 10
5Y 12
6Y 15

GND

CD74HC4050M

GND

2 1N914
D1

R3 1.5K
R4 18K
R5 9.1K
R6 36K

VCC
R7 1.6K   R9 10
Q1 2N3904
R8 2K   R10 75
GND

75 R13
75 R14

VCC

R11 1K
R12 75
GND

U2

75 C7 0.1uF
VCC
C8 0.1uF

1 YIN
2 ASEL
4 CIN

7 VCC
3 GND

YOUT 8
CVOUT 6
COUT 5

FMS6400

VCC
100nF C9
10uF C10
GND

R15 75
R16 75
R17 75

X2
CHROMA 2   1 GND
COMPOSITE 4   3 GND
LUMA 6   5 GND
AUDIO 8   7 GND
M04X2

GND

AUDIO AMP

VCC
1.8K R1
TIA13
C3 10uF

VCC
IC1
6
3 +
2 -
4
7
1
8
5
LM386

C4 10uF
C6 250uF
AUDIO

10 R2
C5 50nF
GND

JP1
3 2 1
GND

GND

open hardware

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Date: 16.05.17 11:34   Sheet: 1/1