GNDA

GND1
Conn_01x01

PWR_FLAG

RFCON1
Conn_01x04

4 CARRIER_SELECTOR
3 CHROMA_OUT
2 LUMA_OUT
1 COMPOSITE_OUT

RFCONC1
Conn_01x04

4 CHROMA_OUT
3
2 LUMA_OUT
1 COMPOSITE_OUT

R33 R34 R35
75 75 75

GNDA

THS7316
AMP2

8 OUT1
7 OUT2
6 OUT3
5 GND

1 IN1
2 IN2
3 IN3
4 VS+

R30 R31
3k3 1k

C10
100nF

R32
2k2

GNDA

3V3X

R37 R36
330 680

C29
100nF

JPLUM1
Jumper_2_Open

C28
100nF

R38
680

R39 R40
680 330

GNDA

RFCON2
Conn_01x04

4 AUDIO_IN
3 CHROMA_IN
2 LUMA_IN
1

RFCONC2
Conn_01x04

4
3
2
1

GNDA

+12V

+12V

PWR_FLAG

10uF
C1

REG2
LM1117IMPX-3.3

IN
3
OUT OUT 2
GND 1

GNDA

3V3X 4

C9
10uF

GNDA

GNDA

Title: RF replacement, analog only

Size: A3   Date: 2019-03-10   Rev: 1
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