Analog-to-Digital

R311 10K
IC
D302 TMMBAT41
R313 10K
VFORWARD
D303 TMMBAT41
R315 10K
R341 10K
VREFLECTED
SUB_AGC
R342 10K
R316 10K
R314 10K
R312 10K
GND GND GND GND
C305 0.01uF
C304 0.47uF
C303 0.47uF
C302 0.01uF
R317 10K
A5_AGC
R319 10K
VALC
R321 10K
R323 10K
SWEEP_MAIN_AGC
R324 NI
R322 NI
R320 10K
R318 10K
GND GND GND GND
C309 0.01uF
C308 0.01uF
C307 0.01uF
C306 0.01uF
Q: time constant (frequency) of RC?

U300
TLV0838CDW
1 CH0
2 CH1
3 CH2
4 CH3
5 CH4
6 CH5
7 CH6
8 CH7
9 COM
10 DGND
20 VCC
19 NC
18 /CS
17 DI
16 CLK
15 SARS
14 DO
13 /SE
12 REF
11 AGND
ADC*CS
ADCDI
ADCSCLK
ADCSARS
ADCDO
GND GND
GND GND

VCC
R339 100
C317 4.7uF Tant.
GND
VCC
R300 100
C301 0.1uF
C300 4.7uF Tant.
GND GND
Zref=1.3 to 5.9K

Digital-to-Analog

R305 82K
+10V
U302A
LM358
D300 MMSD914
SUB_AGC
C311 0.01uF
R304 100K
R302 150K
GND

VCC
R338 100
C316 4.7uF Tant.
Iref=10uA
U301
DACA
DACB
DACC
DACD
DACE
DACF
DACG
DACH
2 SUB_AGC_OVERRIDE
1 ALC_DRIVE
16 METER_OUT
15 VOLUME
7 MAIN_AGC_OVERRIDE
8
9
10 MIC_GAIN
CLK 5 DACCLK
DATA 4 DACDATA
LOAD 12 DACLOAD
LDAC 13
VDD 6
VSS 3
REF1 14
REF2 11
R301 1K
R302 1K
C310 1uF Cer.
GND GND
GND GND

Modify for DAC X1 mode!
R325 150K
+10V
U303B LM358
R326 NI
R328 1K
R329 100K
VOLUME
R345 10K
R327 NI
C314 1uF Cer.
C315 0.1uF
R343 1K
GND GND GND GND GND

R337 82K
+10V
U302B
LM358
R306 100K
R336 150K
R340
0
10K VAR
METER
C312 NI
GND

R332 100K
+10V
U304A LM358
Run DAC in X1 mode!
TX_POWER
R330 100K
R331 100K
GND GND GND

R310 82K
+10V
U303A
LM358
D301 MMSD914
A5_AGC
C313 0.01uF
R308 100K
R309 150K
GND

R335 100K
+10V
U304B LM358
DISPLAY_DIM
R333 100K
R334 100K
R344 1K
GND GND GND

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C		
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