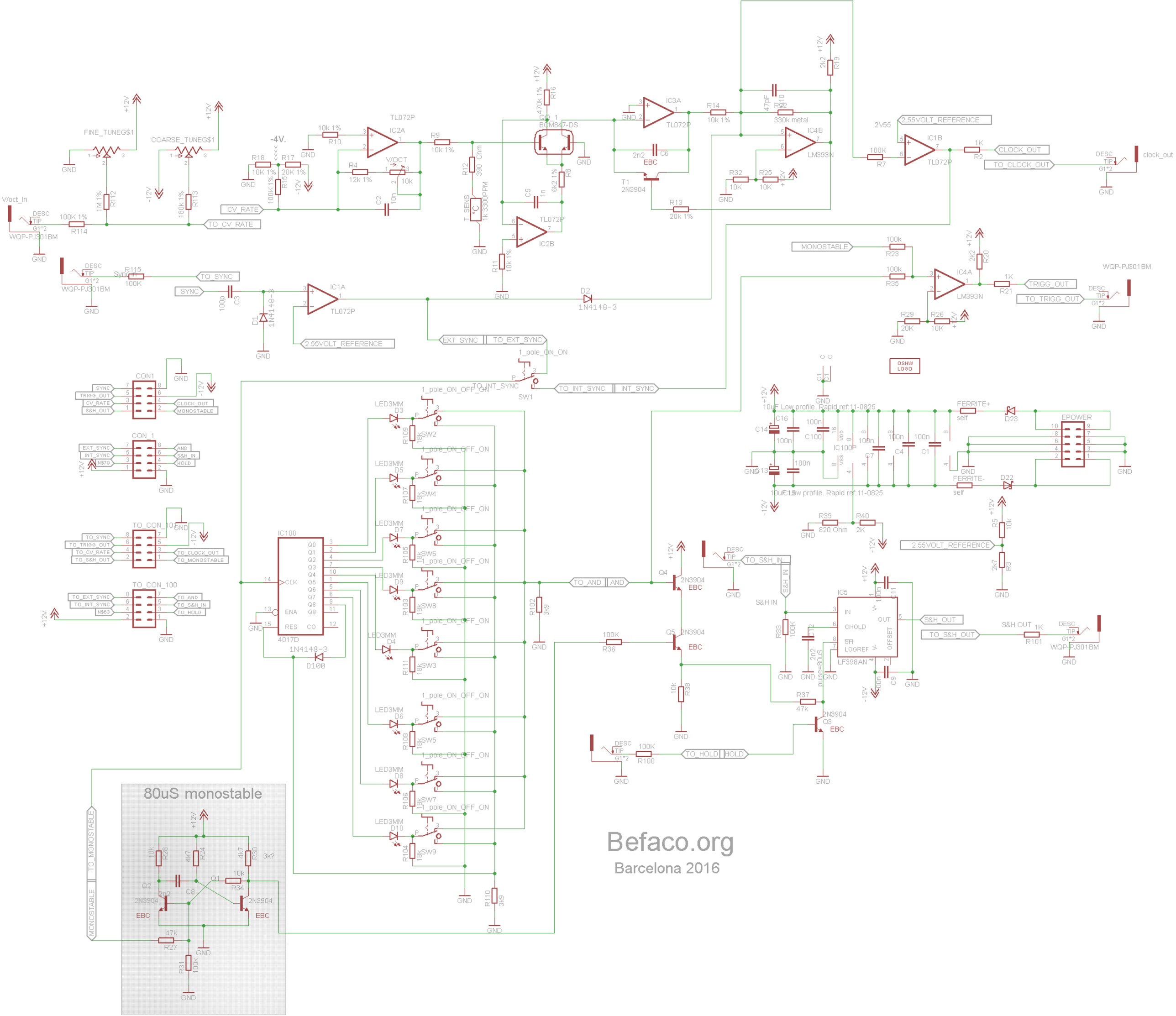
FINE_TUNEG$1
COARSE_TUNEG$1
+12V
-12V
GND
-4V.
TL072P
IC2A
IC2B
IC3A
IC4A
IC4B
LM393N
IC1A
IC1B
R18 10K 1%
R17 20K 1%
R15 100K 1%
R10 10k 1%
R4 12k 1%
V/OCT
10k
C2 10n
R9 10k 1%
R12 390 Ohm
T_SENS
1k 3300PPM
R16 470k 1%
Q1
BCM847-DS
R8 6k2 1%
C5 1n
R11 10k 1%
R14 10k 1%
47pF
R22 330k metal
2k2 R19
C6 2n2
EBC
T1 2N3904
R13 20k 1%
R32 10K
R25 10K
2V55
2.55VOLT_REFERENCE
100K R7
1K R2
CLOCK_OUT
TO_CLOCK_OUT
clock_out
DESC
TIP
G1*2
WQP-PJ301BM
V/oct_In
100K 1%
R114
1M 1% R112
180k 1% R113
CV_RATE
TO_CV_RATE
R115 100K
SYNC
TO_SYNC
100p C3
D1 1N4148-3
2.55VOLT_REFERENCE
D2 1N4148-3
EXT_SYNC
TO_EXT_SYNC
1_pole_ON_ON
1_pole_ON_OFF_ON
TO_INT_SYNC
INT_SYNC
SW1
MONOSTABLE
R23 100k
R35 100k
2k2 R20
1K R21
TRIGG_OUT
TO_TRIGG_OUT
R29 20K
R26 10K
OSHW LOGO
C16 10uF Low profile. Rapid ref: 11-0825
C14 100n
C100 100n
IC100P
C7 100n
C4 100n
C1 100n
C13 10uF Low profile. Rapid ref: 11-0825
FERRITE+
FERRITE-
self
D23
D22
EPOWER
R39 820 Ohm
R40 2K
R5 10k
R3 2k7
CON1
SYNC
TRIGG_OUT
CV_RATE
S&H_OUT
CLOCK_OUT
MONOSTABLE
CON_1
EXT_SYNC
INT_SYNC
N$79
AND
S&H_IN
HOLD
TO_CON_10
TO_SYNC
TO_TRIGG_OUT
TO_CV_RATE
TO_S&H_OUT
TO_CLOCK_OUT
TO_MONOSTABLE
TO_CON_100
TO_EXT_SYNC
TO_INT_SYNC
N$63
TO_AND
TO_S&H_IN
TO_HOLD
IC100
4017D
CLK
ENA
RES
Q0
Q1
Q2
Q3
Q4
Q5
Q6
Q7
Q8
Q9
CO
1N4148-3
D100
LED3MM
D3
D5
D7
D9
D4
D6
D8
D10
R109 18k
R107 18k
R105 18k
R103 18k
R111 18k
R108 18k
R106 18k
R104 18k
SW2
SW4
SW6
SW8
SW3
SW5
SW7
SW9
R102 3k9
R110 3k9
TO_AND
AND
Q4 2N3904
Q5 2N3904
EBC
R36 100K
10k R38
DESC
TIP
G1*2
TO_S&H_IN
S&H IN
IC5
LF398AN
IN
CHOLD
SH
LOGREF
OUT
OFFSET
V+
V-
R33 100K
C12 2n2
pulse=80uS
C11 100n
C9 100n
R37 47k
Q3 2N3904
S&H_OUT
TO_S&H_OUT
S&H OUT
R101 1K
WQP-PJ301BM
TO_HOLD
HOLD
R100 100K
80uS monostable
R28 10k
R24 4k7
R30 4k7
3k?
Q1
R34 10k
Q2 2n2
C8
2N3904
47k R27
R31 100k
MONOSTABLE
TO_MONOSTABLE
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