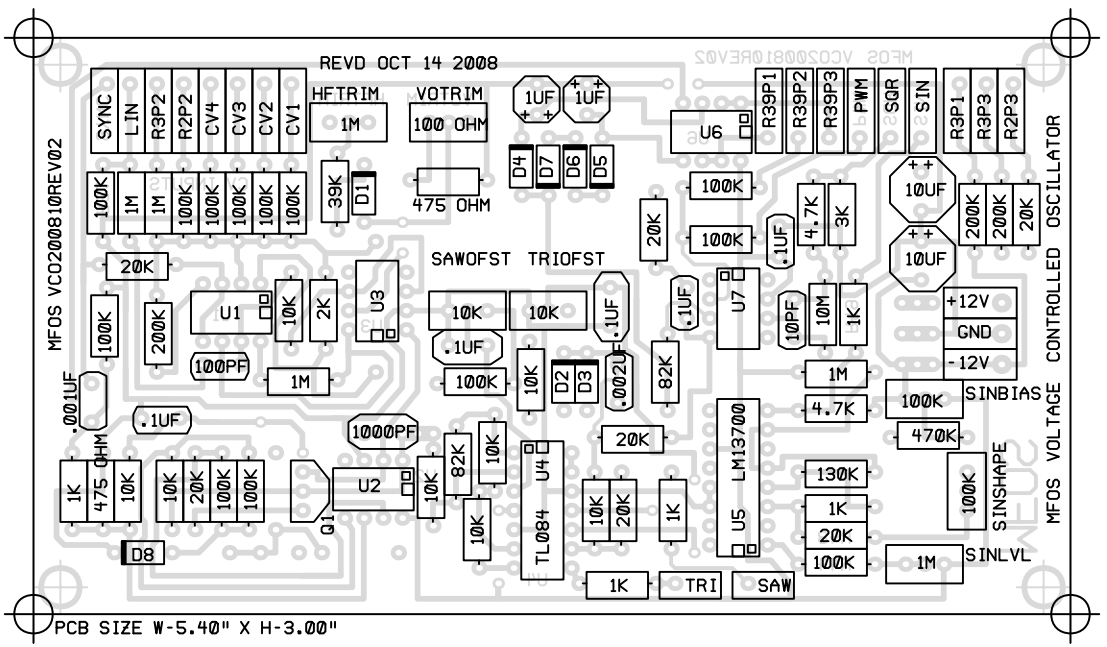
REVD OCT 14 2008
MFOS VCO200810REV02
MFOS VOLTAGE CONTROLLED OSCILLATOR
SYNC
LIN
R3P2
R2P2
CV4
CV3
CV2
CV1
HFTRIM
1M
VOTRIM
100 OHM
475 OHM
1UF
1UF
D4
D7
D6
D5
U6
R39P1
R39P2
R39P3
PWM
SQR
SIN
R3P1
R3P3
R2P3
100K
1M
1M
100K
100K
100K
100K
100K
39K
D1
20K
100K
100K
.1UF
4.7K
3K
10UF
10UF
200K
200K
20K
SAWOFST
TRIOFST
20K
U1
10K
2K
U3
10K
10K
.1UF
.1UF
U7
10PF
10M
1K
+12V
GND
-12V
100K
200K
100PF
1M
.1UF
100K
10K
D2
D3
.002UF
82K
1M
4.7K
100K
SINBIAS
.001UF
.1UF
1000PF
20K
LM13700
470K
1K
475 OHM
10K
10K
20K
100K
100K
Q1
U2
10K
82K
10K
U4
TL084
10K
20K
1K
U5
130K
1K
20K
100K
100K
SINSHAPE
D8
10K
1K
TRI
SAW
1M
SINLVL
PCB SIZE W-5.40" X H-3.00"