PFC-16 PreAmplifier Buffer

Narrow Gaussian Version

Signal from the
Pre-Amplifier
Output

Direct Input

PreAmp Buffer
Input

Complement Input
PreAmp Ground

C20C

C20B

Jumper
C20A

R21

R20

C22B

R23B

C22A

R23A

U21

5

8

+

V$_{OCM}$

2

−

1

4

Complement

PreAmp Buffer
Output

Direct

To the First
Stage Filter
with Criss-Cross

PreAmp Buffer
Characteristics:
Gain = 8.25

Low Pass
Cutoff = 800 kHz

High Pass
Cutoff = 17 Hz

C25

3

C27

Vcc

6

7,9

C24

C26

Vee   Filter

Rev. Data:
16-JAN-2009

U21   THS4131
C20A   Jumper
C20B   { Unipolar 470 nFd
        { Bipolar   10 nFd
C20C   { Unipolar 47 uFd 6.3V Tant
        { Bipolar   open
R20   200 Ohm
R21   100 Ohm
       plus R12 = 200 Ohm
C22   120 pFd
R23   1.65k Ohm
C24, C25 0.1 uFd
C26, C27 10 uFd Tantalum