y[n]

Remove trials with eye blinks or other signal artifacts

Referenced to common linked electrodes at earlobes

y[n]

Rectifier

**C/D at 1kHz**

k = 1,000

x(t)

Band-Pass   
10Hz – 500 Hz

y[n]

x(t)

k

Band-Pass   
Wn = .000376 - .039  
or (1Hz – 40Hz)

Remove bad electrodes

Common average reference

Remove ICA’s associated with eye blinking

**C/D at 1kHz**

Band-Pass   
.3Hz – 50Hz

k = 500

x(t)

**C/D at 2,048Hz**

**C/D at 3 kHz**

Rectifier

3

x(t)

k

Band-Pass   
Wn = .0067 - .33  
or (10Hz – 500Hz)

y[n]

Normalization by MVC