ECG SIGNAL ACQUISITION HARDWARE DESIGN

Origin of Bioelectric Signals





















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sources of noise in ECG signals

- Baseline wander (low frequency noise)
- Power line interference (60Hz noise from power lines)
- Muscle noise (This noise is very difficult to remove as it is in the same region as the actual signal. It is usually corrected in software.)
- Other interference (i.e., radio frequency noise from other equipment)





















