

ABSTRACT

This invention relates to a digital electronic control unit for operating domestic and commercial appliances comprising a plurality of linear and non-linear sensors, analog multiplexer, analog to digital convertor, linearity offset
5 and sensitivity correction circuit, central control unit, digital noise filter, digital demultiplexer, control latches and non-volatile memory. An implementation in the form of an Application Specific Integrated Circuit (ASIC) results in a miniature and cost effective control element.