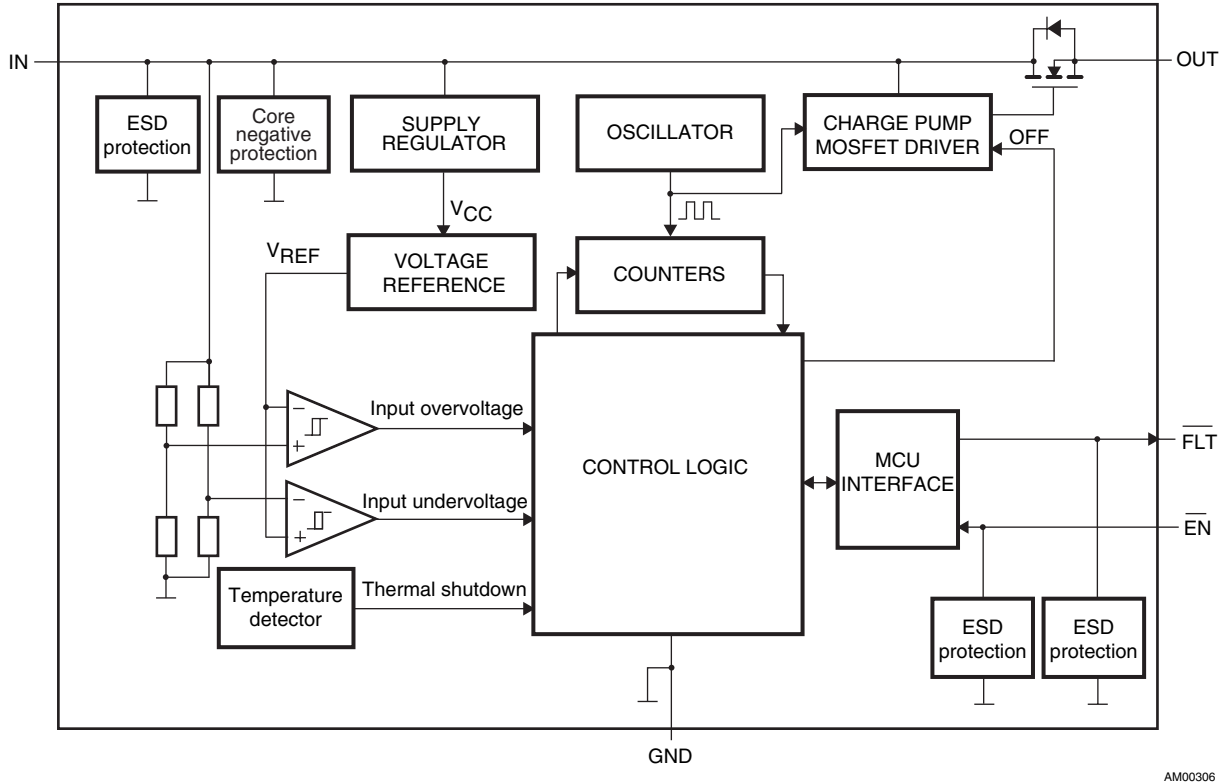
IN
OUT
ESD protection
Core negative protection
SUPPLY REGULATOR
OSCILLATOR
CHARGE PUMP MOSFET DRIVER
OFF
VCC
VREF
VOLTAGE REFERENCE
COUNTERS
Input overvoltage
Input undervoltage
CONTROL LOGIC
MCU INTERFACE
FLT
EN
Temperature detector
Thermal shutdown
ESD protection
ESD protection
GND
AM00306