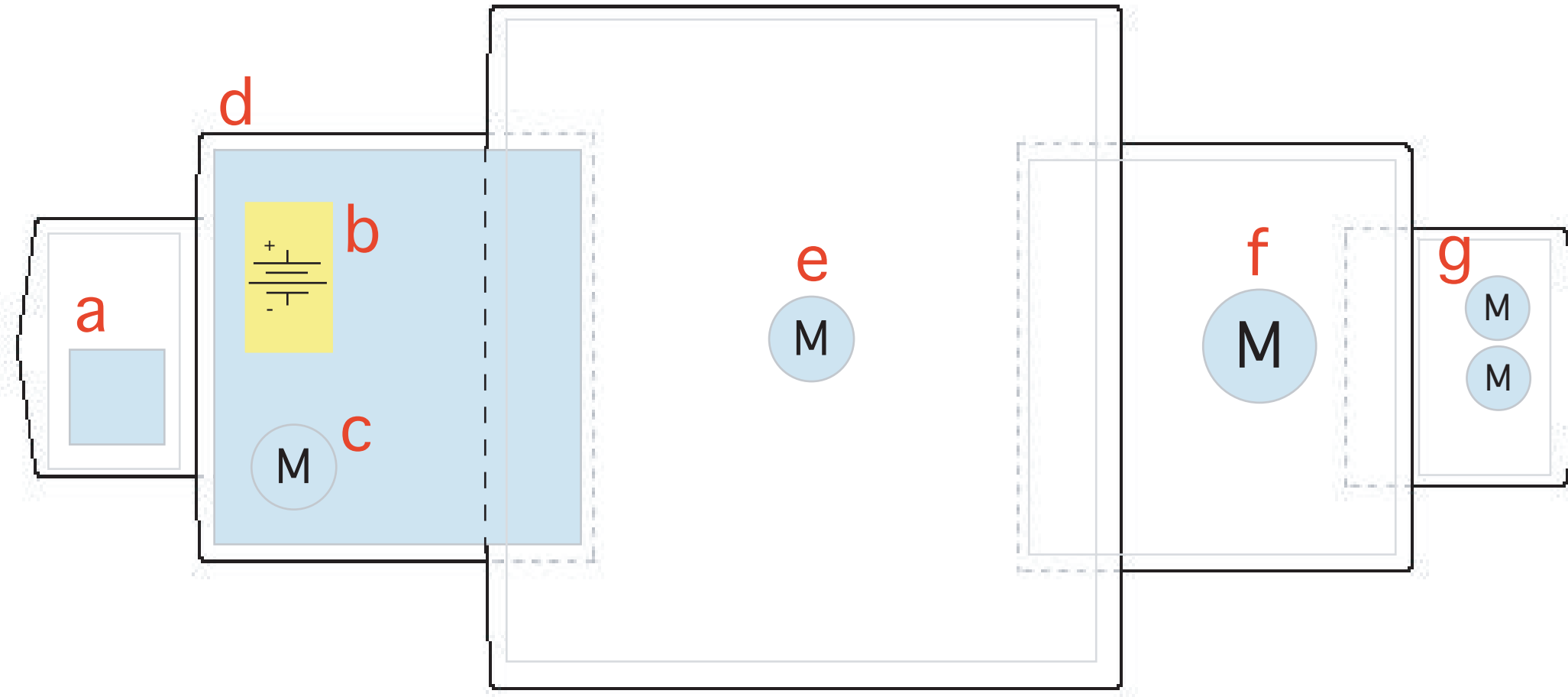


Wildflower Meadow Glacier Prototype Control Scheme



- a** PIC 18F6680
R232/wifi module
5x h-bridge motor control chips
64 Mb Fram chip
Infrared carbon dioxide sensor
Temperature sensor
Other possible sensors:
Methane sensor
Nitrous oxide sensor
HFC, PFC sensors
- b** 6V-12V trickle-charged AGM battery
- c** 6V-12V DC servo gearmotor
w/encoder (grounding mechanism)
- d** 5x solar panels providing 15-20W
- e** 6V-12V DC servo gearmotor
w/encoder (grounding mechanism)
- f** 6V-12V DC servo gearmotor
w/encoder (lead-screw actuator)
- g** 2x 6-12V DC servo motors
(seed planter mechanism)