

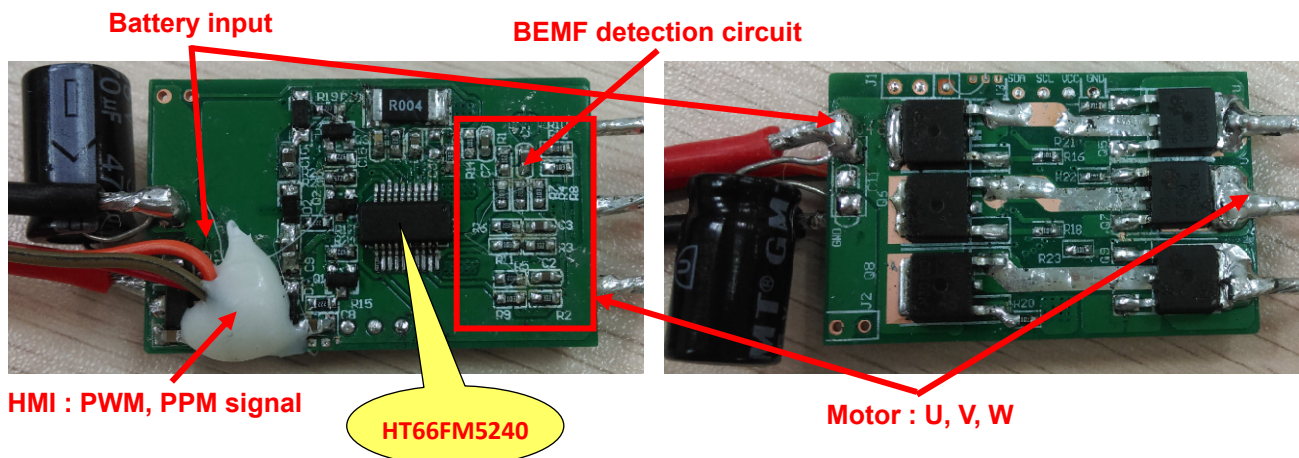
Electronic Speed Controller – ESC

Sensorless Control

HT66FM5240

Characteristics

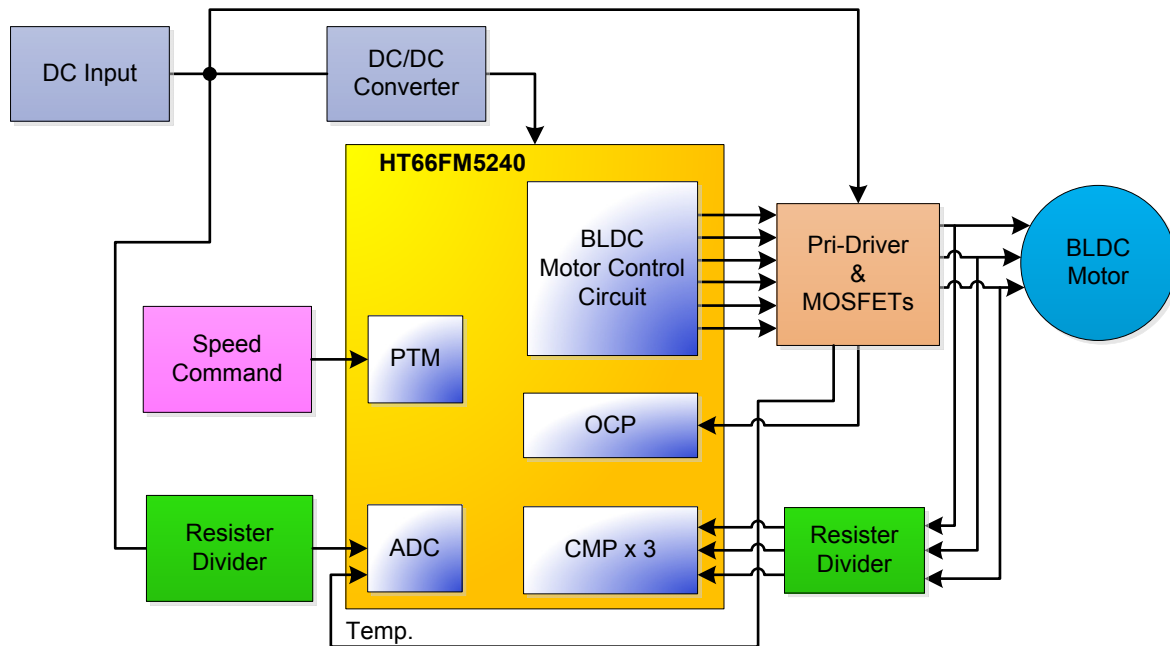
- BLDCM ASSP Flash MCU : HT66FM5240
- Human Machine Interface (HMI) : PPM or PWM signal
- Input Power : Li battery 2s / 3s at Max. 250W
- Solutions
 - ◆ Motor drive control : Trapezoidal wave sensorless control
 - ◆ Protection Functions : 1. Lock-phase, 2. Over Current, 3. Low Voltage, 4. Over Temperature
 - ◆ Speed : 38000 RPM under load conditions
- PCBA : Transistor gate driver solution, low cost, best cost performance



Application Areas



Block Diagram



Application Circuit

