

EV22A57



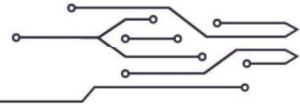
- Micro control unit
 - NXP MPC5744
 - ISO26262 ASIL-D integrity level
 - 200MHz
 - 2.5M Flash
 - 384K SRAM
 - Float Point Capability
- (SBC) MC33CFS6500 microprocessor
- Inputs
 - 15 Analog Inputs
 - 21 Digital Inputs
 - 4 Frequency Inputs
 - 3 Wake-up Inputs
- OTP: 12KB, 10KB Optional
- Outputs
 - 10 High-Side Drivers (2 of which could be configured as PWM outputs)
 - 18 Low Side Drivers (4 of which could be configured as PWM outputs)
- 9-32V Operating Voltage
- Communication
 - 3 CAN 2.0B
- Sensor 5V Supply: 5 channels
- Environmental
 - Operating temperature: -40°C to +110°C
 - ISO16750 Compliant
- Simulink Model Based Design

FAAR SAS

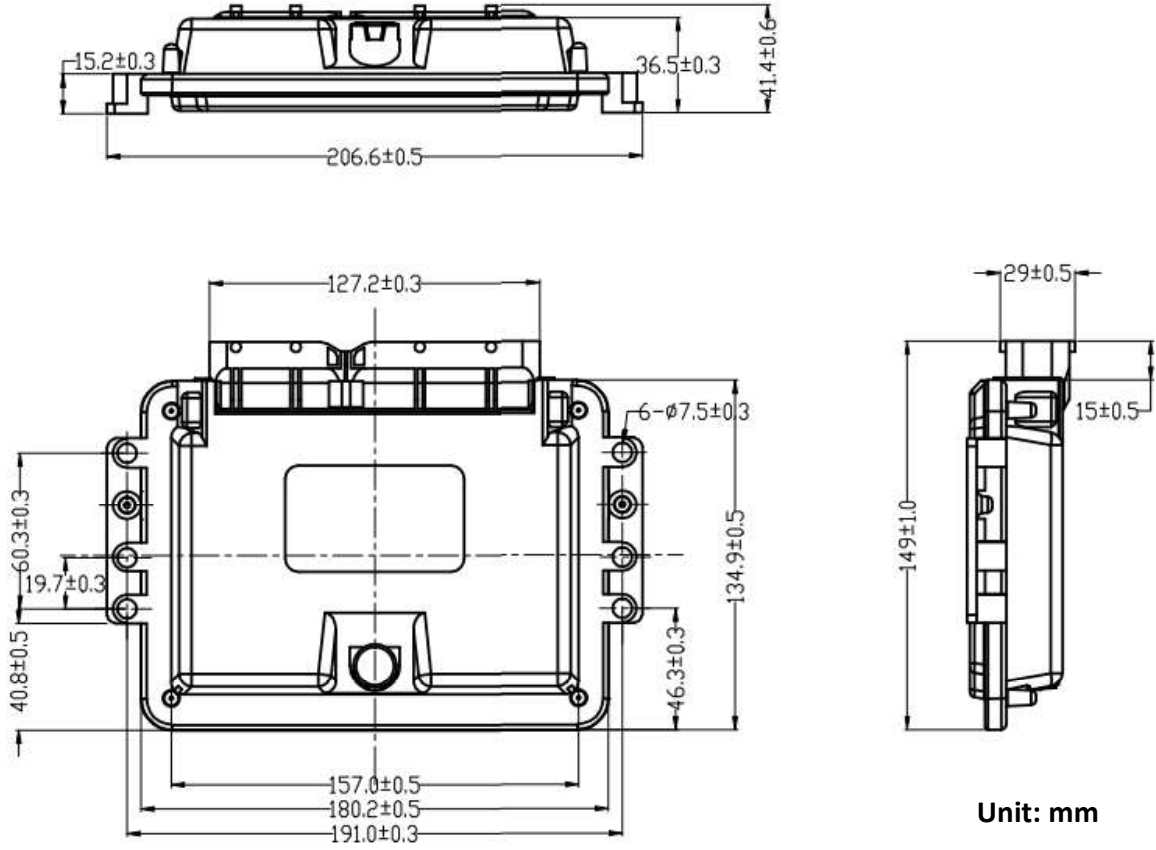
Bâtiment Narcisse,
18, avenue du Québec,
91140 Villebon-sur-Yvette – France

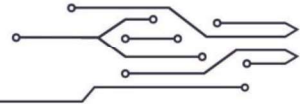
+33 (0)1 60 19 79 70
info@faar-industry.com
www.faar-industry.com

Société immatriculée au RCS d'Evry
sous le numéro B 452 806 813
code APE : 7490B



2.2 Dimensions





3.3 System Example

- This simple system diagram provides a sample application for VCU hardware resource. It only illustrates some typical connections. The full wiring connection is to be defined for specific user applications.
- DI21, 22 integrate VCU wake-up function by default, also are able to read digital input signals.

