

DIVISION OF

# AEROSPACE AND ADVANCED CONTROL

RELIABLE PARTNER IN THE EUROPEAN AVIATION SUPPLY CHAIN



## ELECTRONIC CONTROL UNIT FOR TJ100 ENGINE



The electronic control unit is designed to control TJ100 turbojet engine (the engine is produced by the Czech company PBS, Velká Bíteš, a.s. company and is utilized in unmanned aerial vehicles (UAVs), target drones, light sport aircraft and gliders with an additional engine) and ensures supply of stable 28 V voltage for onboard network.

### Main functions of the control unit are:

- turbine RMP regulation of a desired speed (from 0 up to 60 000 RMP),
- acceleration and deceleration turbine control,
- onboard electric power supply,
- control and monitoring turbine operating parameters.