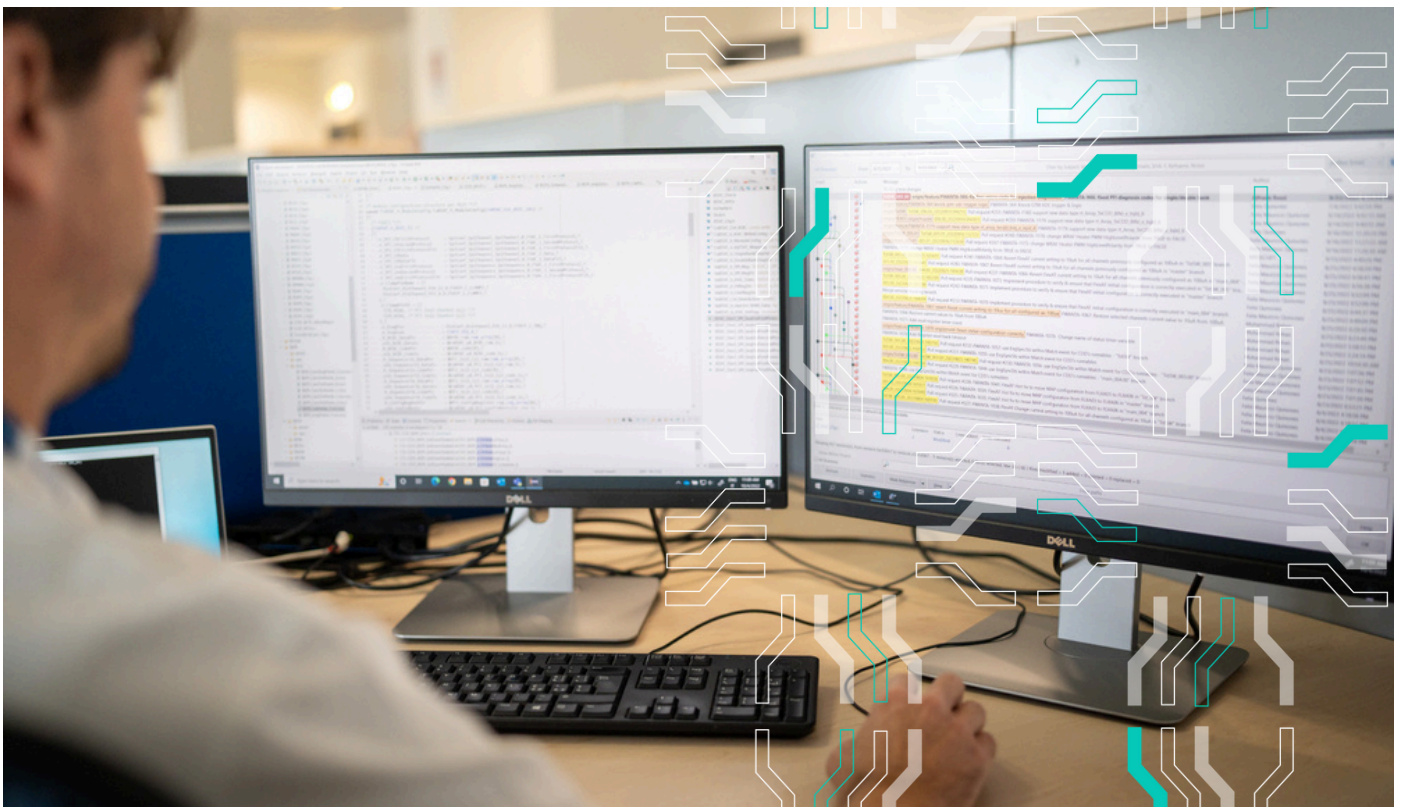


Complex Drivers using GTM Bosch IP

Our firmware engineers are experienced and globally recognized in designing complex functionalities using Generic Timer Module (GTM, BOSCH IP), for pulse generations and input captures in motor synchronous activities.

GTM is a complex and programmable module, available in mostly mid-high range of microcontroller classes from all the most important silicon suppliers. It can ensure accurate multiinput data acquisition and multi-output signal generation in automotive powertrain and active safety applications, or in industrial closed-loop applications.



Complex Drivers using GTM Bosch IP

Some examples of drivers developed by Dumarey Softronix and already in mass production, on both Gas and Diesel engines applications:

- Engine Position Crank and Cam inputs for both Gas and Diesel Engine;
- Spark;
- Fueling pulses for Direct Injection both Gasoline and Diesel;
- Fueling pulses for Port Fuel Injectors;
- Fueling pulses V/I monitors;
- Knock Windowing, Data Sampling and Processing;
- Step CAM Actuators;
- Digital Inlet Control Valve;
- Traction Inverter Control for Electric Motor.

Regarding GTM-IP usage, we also offer cooperation to our customers during the proof-of-concept phase, providing feasibility studies for minimizing the risk for new product development introducing this cutting-edge technology.

