



Automotive, Industrial & Multimarket

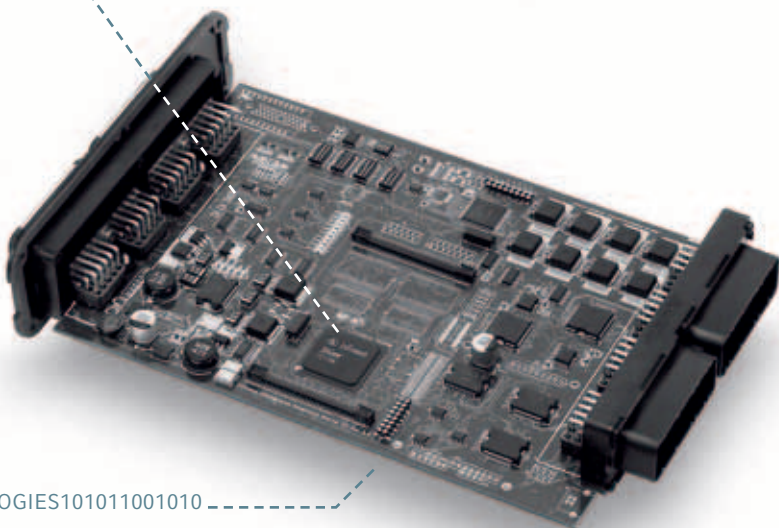
Reaching Your Destination Safely while Preserving
the Environment





The TC 1796 is our most powerful 32-bit microcontroller, developed for engine and transmission control purposes in automobiles, trucks and motorcycles, where high computing performance is crucial. It will also be instrumental in ensuring that future generations of motor vehicles will have better fuel efficiency, and thus reduced toxic emissions.

Today, an average of every second automobile in Europe and every third automobile in the world contains an Infineon chip that is responsible for management of the diesel or gasoline engine, for example for fuel injection, ignition, catalytic converter control or exhaust gas recirculation.



ELECTRONICS101011001010

* Not to scale

We all want to travel comfortably and safely – whether by train or by car. Infineon supplies semiconductor components for road and rail vehicles which provide this comfort and safety as well as ensure that the **greatest efficiency** is achieved with the energy used.

Whether in New York's subways or the Deutsche Bahn's InterCityExpress (ICE) trains – our power semiconductors control the driving technology of electric locomotives. And because we are the **market leader** for automotive semiconductors in Europe, hardly any car on Europe's roads is without our advanced technology solutions.

This is just one good reason why you should take a closer look at our **TriCore® TC 1796** microcontroller for use in engine and transmission management.

<