

## CAN Drivers

The Control Area Network (CAN) bus is widely used in vehicles to connect the engine control unit (ECU) with the transmission. It can also be used, on a different bus, to connect the door locks, climate control, seat control, and so on. Due to the low cost of integrated CAN controllers, the CAN bus is also being used as a fieldbus in general automation environments. Many of NXP's ARM-based MCUs are equipped with on-chip CAN modules. The drivers listed below make it easy to get a CAN bus up and running. Please note that the table only includes devices with one or more on-chip CAN peripherals.

Supplier	CAN Drivers	Supported Devices															Comments
		LPC175x	LPC176x	LPC212x	LPC219x	LPC229x	LPC236x	LPC237x	LPC238x	LPC245x	LPC246x	LPC247x	LPC291x	LPC292x	LPC293x	LH754xx	
CMX	CMX-CANopen			•	•	•	•	•	•	•	•	•					-
eCosCentric	eCosPro-CAN					•			•		•						CANopen support also available
Keil / ARM	RL-CAN			•	•		•	•	•				•	•	•		Part of RL-ARM
Mentor Graphics	Nucleus CAN			•													Easily ported to other NXP controllers
NXP	AppNote AN10674			•	•	•	•	•	•	•	•	•	•	•	•		LPC2000 CAN driver w/ FullCAN mode
Quadros	CANopenRT	•	•	•	•	•	•	•	•	•	•	•	•	•	•		Real-time CANopen stack
	Family	LPC1000		LPC2000												LH	-
	Core	Cortex-M3		ARM7TDMI						ARM968E						<sup>1)</sup>	<sup>1)</sup> ARM7TDMI