



High-Speed CAN/Dual-LIN Core System Basis Chip

UJA1078ATW

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The UJA1078A core System Basis Chip (SBC) replaces the basic discrete components commonly found in Electronic Control Units (ECU) with an integrated High-Speed CAN transceiver and two LIN transceivers, combined with a 250 mA voltage regulator for supplying a microcontroller; extendable with external PNP transistor for active power distribution.

The UJA1078A supports the networking applications used to control power and sensor peripherals by using a High-Speed CAN as the main network interface and the LIN interfaces as local sub-busses.

The UJA1078A is designed to be used in combination with a microcontroller that incorporates a CAN controller. The SBC ensures that the microcontroller always starts up in a controlled manner.

