MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
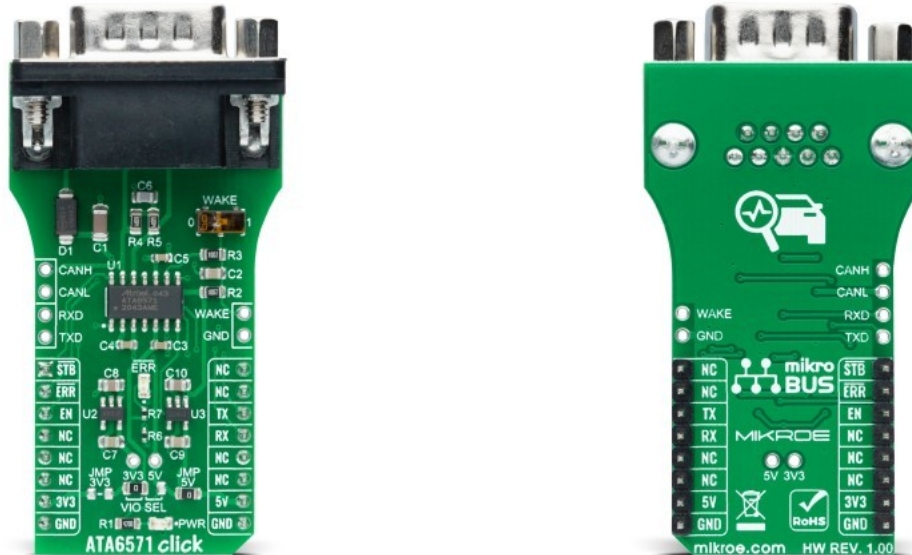www.mikroe.com

ATA6571 Click

PID: MIKROE-4381

ATA6571 Click is a compact add-on board that contains a transceiver designed for high-speed CAN applications. This board features the ATA6571, a standalone high-speed CAN FD transceiver that interfaces a CAN protocol controller and the physical two-wire CAN bus from Microchip. It offers several operating modes with diagnostic and fail-safe features that enable enhanced system reliability. Its advanced low-power management with local and remote Wake-Up support makes it possible to achieve low current consumption in Standby and Sleep mode. This Click board™ is suitable for all types of high-speed CAN networks, especially in nodes requiring low-power mode with wake-up capability via the CAN bus.

ATA6571 Click is supported by a mikroSDK compliant library, which includes functions that simplify software development. This Click board™ comes as a fully tested product, ready to be used on a system equipped with the mikroBUS™ socket.

Mikroe produces entire development toolchains for all major microcontroller architectures.
Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.

ISO 27001: 2013 certification of informational security management system.
ISO 14001: 2015 certification of environmental management system.
OHSAS 18001: 2008 certification of occupational health and safety management system.

ISO 9001: 2015 certification of quality management system (QMS).

MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
www.mikroe.com

Specifications

Type	CAN,CAN FD
Applications	Can be used for all types of high-speed CAN networks, especially in nodes requiring low-power mode with wake-up capability via the CAN bus.
On-board modules	ATA6571 Click is based on the ATA6571, a standalone high-speed CAN FD transceiver up to 5 Mbit/s that interfaces a Controller Area Network (CAN) protocol controller and the physical two-wire CAN bus from Microchip.
Key Features	High-Speed CAN Transceiver, improved EMC Compatibility and ESD performance, very low power consumption, remote wake-up support, protection and diagnostic functions, and more.
Interface	UART
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V or 5V,External

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[ATA6571 click 2D and 3D files](#)

[MCP1804 datasheet](#)

[ATA6571 datasheet](#)

[ATA6571 click example on Libstock](#)

[ATA6571 click schematic](#)