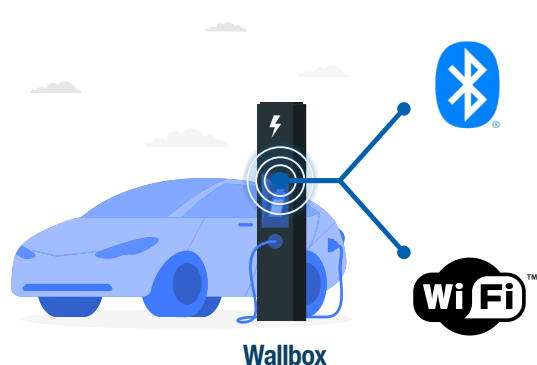




Stay in touch with your wallbox

Certified PAN9028 WiFi 5 & Bluetooth 5.2 combo module

The global EV markets are experiencing phenomenal growth. Correspondingly, there is an increase in demand by automotive OEMs for electronic components that help make electric vehicles and charging stations possible while meeting a host of strict safety and reliability specifications. Thinking of the expected leap in charging infrastructure, there is a particular focus on domestic AC wall boxes – which are to be equipped with state-of-the-art wireless connectivity. With many years of experience in engineering next-gen and failure-proof wireless modules, Panasonic Industry offers tailored connectivity technology that is compliant with IATF 16949 – and provides the user with large degrees of freedom in terms of efficiency, safety and usability.



Interaction with App

- Manually starting the charging process
- Authorisation process per app
- State-of-charge monitoring



Remote Control over Internet or Smart Device

- Manually starting the charging process
- Time-activated charging with favourable electricity costs
- State-of-charge monitoring
- Monthly overview of costs

WiFi 5 (2.4 GHz & 5 GHz) & Bluetooth 5.2 (BR/EDR/LE) based on NXP's 88W8987

- Including PMIC for simple HW design & reduction of BOM costs
- Possibility to switch between Chip Antenna & Bottom Pad
- Power Tables stored on OTP for fulfilling regional regulatory requirements
- Certified External antenna for radio unfriendly enclosure



CERTIFIED FOR:



CE RED



FCC



ISED



100% end-of-line tested



0 ppm failure rate



European development & production



Produced according to IATF 16949

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