


# AS3447 - Power & Communication Interface

Accessory charging & communication for smart earbuds

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Features & Benefits

General Description

Applications

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## Features

- Show battery level of charging box on phone
- Automatically pair TWS with phone when opening charging case
- Accessory firmware updates

## Benefits

- Simultaneous battery charging & communication with only two pins
- Reduced number of mechanical connections to accessory
- Enables smaller footprint with enhanced communication capabilities
- Less influence on accessory design
- No Bluetooth component required in charging cradle

## Product parameters

Interface	I2C
Package	WL-CSP36
Size [mm]	3.13 x 3.185 x 0.65

AS3447 - Power & Communication Interface

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## Related Boards

### Accessory Power & Communication Interface

AS3447 Evaluation Board



The AS3442 POW:COM host is a digital power and communication chip. The device is utilizing two signal lines for data transmission and power transfer to an

[View Details](#)



## Related Products

### AS3442 - Power & Communication Interface

AS3442



Bluetooth earphones are gaining popularity and mobile charging for these devices is mandatory. Both, earphones and charger cradle, are equipped with

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### AS3418 - Active Noise Cancellation

AS3418



Analog ANC solution

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