

**CyFi PA Module  
AWA24R and AW24RUR**

**2.4GHz DSSS SPI Radio with  
Integrated Power Amplifier**

## 2.4GHz DSSS SPI Radio with Integrated Power Amplifier AWA24R/AW24RUR

Product Name: CyFi PA Module  
Model Number: AWA24R and AW24RUR

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### CyFi PA Module Models

- AWA24R – Branded as Legacy mode Radio Module
- AW24RUR – Branded as CyFi mode Radio Module

Both models of AWA24 family have the same base circuitry and PCB. The only difference is on the digital controls side.

- On AWA24R module the mode of operation can only be controlled with provided control lines on the module 12 pin connector.
- On the AW24RUR module the mode can only be controlled with onboard internal digital GPIO. The mode control line's path is set with optional diode location population on the PCB. There is no change in any of the RF circuitry population between both models.

### BOM differences:

AWA24R – D1,D3,D5 populated . D2,D4,D6 not populate

AW24RUR – D2,D4,D6 populated. D1,D3,D5 not