



WINE 7 RAIN RFID Module

The WINE7 UHF RFID OEM module offers superior performance, based on the PR7 platform. Its innovative protocol enables customers to integrate their own applications seamlessly. Versatile, it is suitable for both mobile and fixed readers.

Key features

- RAIN RFID (UHF) High-performance module
- Small size
- Easy software integration with SDK
- 30 dBm antenna output

Application

Integration into mobile/fixed readers thanks to its small size

Functional specifications

Type	RAIN RFID (UHF)
Frequency	860 - 930 MHz
Air interface protocol	EPC Gen2v2 / ISO18000-62, 63, 64
IC Type	PR7
Output power	0 - 30 dBm
Dynamic range	30dB
Supply voltage	5V
DC voltage	5V, conditions: VCC50
Power consumption	Active CW on: 1A@30dBm Current idle: 35mA
Interfaces	UART, USB
Functionalities	Read/Write

Physical specifications

Dimensions	40 x 36 x 6.6mm
Color	White
Antenna port	UFL

Environmental and industrial compliance

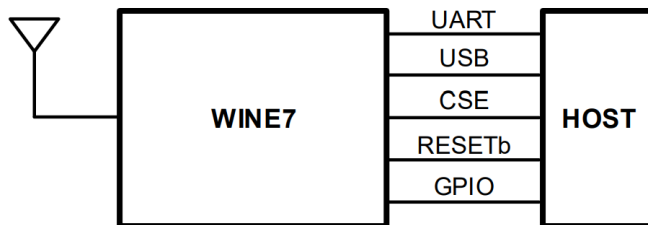
Operating temperature	-20°C to +70°C
Storage temperature	-40°C to +85°C

V1.0

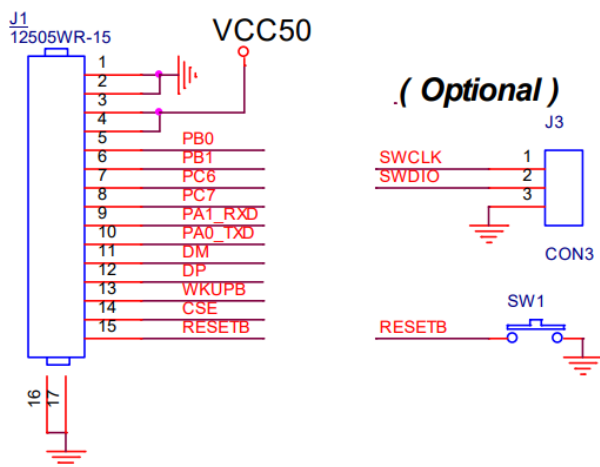
Non contractual document

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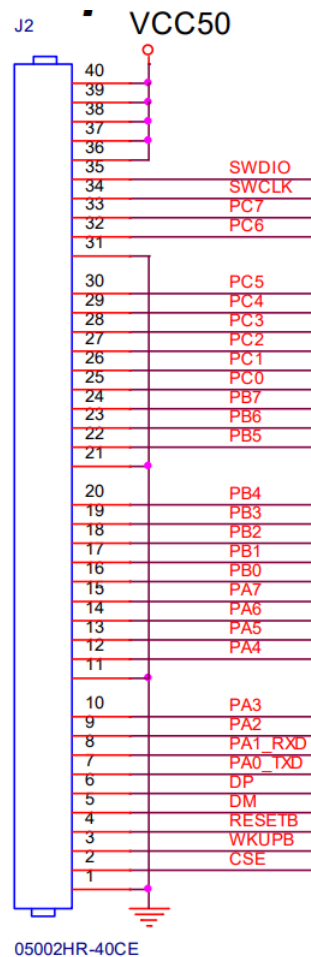
Block diagram



15 PIN connectors



40 PIN connectors



Development kit available for exploring and evaluate the WINE7 module. Coupled with a QUBE antenna and standard firmware, it connects directly to a PC via USB Type-C.

Item code

WINE72361

Wine7 Module UHF Global

V1.0

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