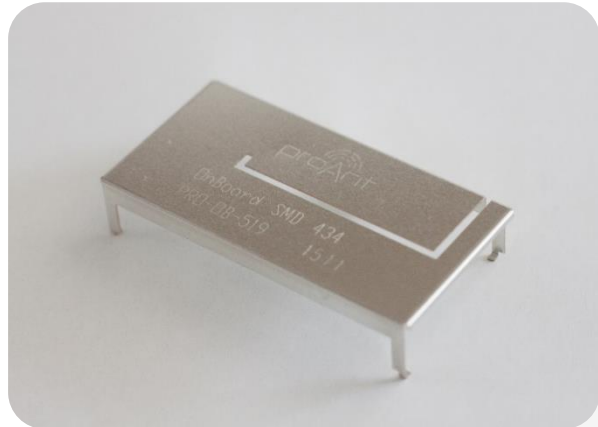


OnBoard™ SMD 434 MHz

Small antenna for embedded products on the ISM 434 MHz band (ISO/IEC 18000).

The OnBoard SMD concept offers features like:

- SMD compatibility
- Tape on reel delivery
- Low loss material
- PCB on-ground implementation
- Simple fine tuning by matching network
- RoHS compliance
- Low cost



Technical data

Part number	PRO-OB-519
Frequency	434 MHz
Impedance	50 Ω
Return loss	<-10 dB
Total efficiency	>25%(-6dB)
Dimensions	50 x 25 x 10 mm (1.969 x 0.984 x 0.394 in)
Assembly	Pick and place
Soldering	Reflow or equivalent
Packing	Tape and reel
Temperature	-40 to +125° C

*Note: Above specification is valid on the Proant evaluation board.
See related application note for more information.*

Patent: SE537042 + Pending