

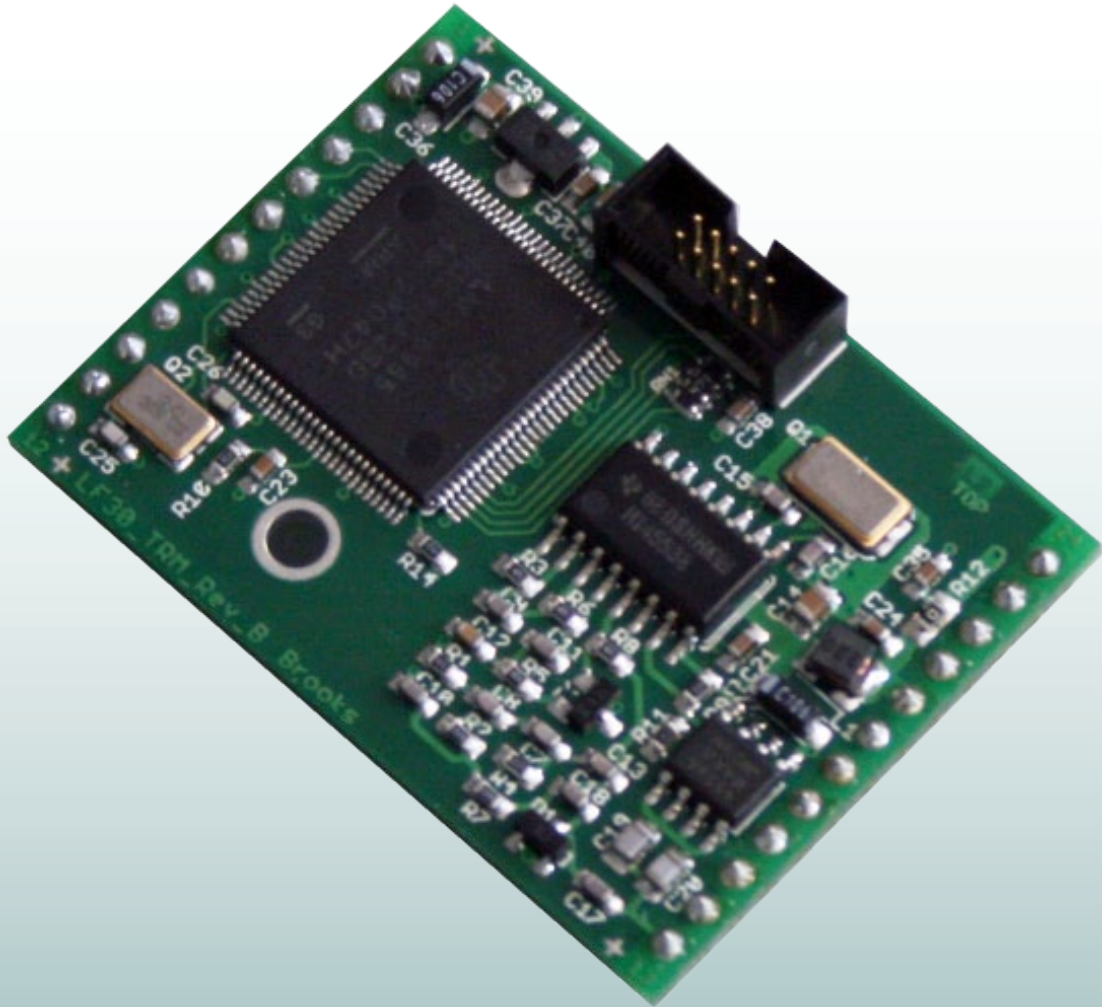


RFID Division

Hardware | Reader
RFID Reader
LF30C Series

OEM Module

134.2 kHz



Ready
for
RFID ?

* Radio Frequency Identification

- RFID Module
- Frequency 134.2 kHz
- Dimensions 45 x 33.5 x 13 mm
- For use in OEM products



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RFID stands for contactless identification of objects being tracked, without line-of-sight being required. Data can be transmitted between a data carrier (transponder) and the RFID reader through various materials, such as paper, plastic or glass. Reading is not affected by dust or dirt, which means that RFID systems can also be used in harsh environments.

The LF30C OEM module is a powerful, compact RFID module for integration into industrial automation products.

The device communicates with passive TIRIS® transponders at the LF frequency of 134.2 kHz.

The module is designed in such a way that it can be used in current standard housings.

Both system integrators and OEM customers are given an opportunity to upgrade new or existing products by integrating top-quality RFID functionality and can benefit from the powerful features of the module.

The device is also available with other protocols on request.

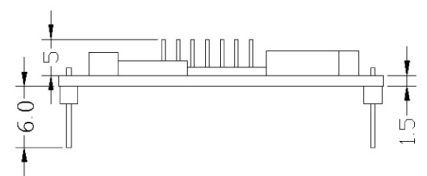
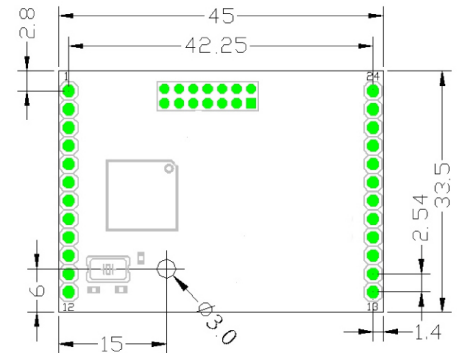
If the application requires special hardware functionalities, special PCB / antenna designs or technical adaptation, Brooks is the right partner when it comes to customized components.

You will find more information on Brooks Automation at:

www.brooks-rfid.com

Technical data

Article number	TRM-LF-03
Protocol	ASC-I1
Voltage	5 V ± 5%
Current consumption	Active mode: 120 mA Passive mode: 86 mA
Operating temperature	-25°C to 70°C
Storage temperature	-40°C to 85°C
Permissible humidity	25% to 80% at 50°C
Inputs/outputs	5
Weight	7 g
Interface	Serial interface, 19,200 Baud, 8, EVEN, 1, C-MOS + 3.3 V
GPIO	+3.3 V, 5 V tolerant
Frequency range	134.2 kHz
Dimensions	45 x 33.5 x 13 mm
Antenna	47 µH



Dimensions of LF30C OEM module

RFID Sales

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