

SENSOR_ID

ANTENNA

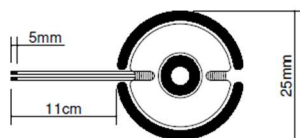


Soltronic Srl
Viale Ungheria, 125 - 33100 Udine (UD) - Italy

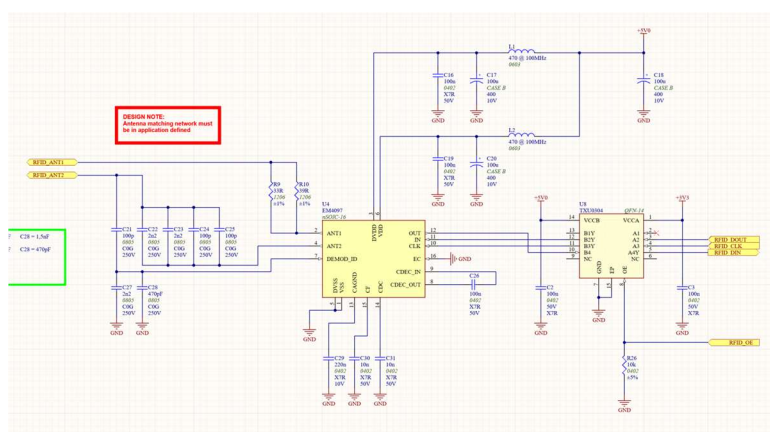
Doc:	SENSOR_ID_TCF-ANTENNA		
Rev.	Data	Autore	Modifiche
01	05/05/2025	Paolo_DELLA SIEGA	First release

ANTENNA

The antenna is a simple 350uH wire-wound Inductor.



Gain antenna = 0



EM MICROELECTRONIC - MARIN SA
SWATCH GROUP ELECTRONIC SYSTEMS

EM4097

READ/WRITE ANALOG FRONT END IC WITH SERIAL μ C INTERFACE FOR USAGE IN 125 / 134.2 KHZ RFID BASESTATION APPLICATIONS

PLL					
Antenna capture frequency range	F_{ANT_C}	100	150	kHz	
Antenna locking frequency range	F_{ANT_L}	100	150	kHz	

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