

Product Brief

ANYLINK WIRELESS PRODUCTS



RF Modul DPH1276C868

High Range RF Modul for difficult application

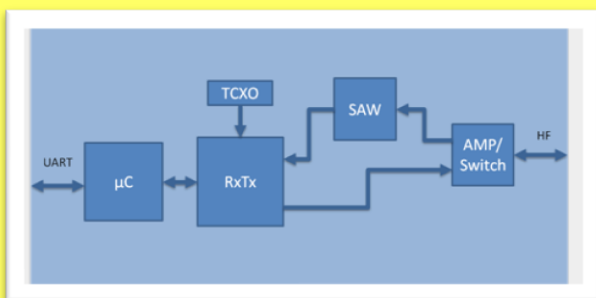
High Range RF Transmitter Receiver Modul

Key Features:

- Frequency band 868MHz
- Modulation FSK / LoRa
- Data rate up to 50kbit/s in FSK / 9375bit/s LoRa
- Link Budget 174 dB (18bit/s)
- Link Budget 142 dB (9375bit/s)
- Bandwidth settings 7.8-125kHz @ 27dBm
- Bypassing PA with 13dBm TX power @ 45mA
- Stable Clock reference from TCXO
- Bidirectional data transfer
- Simple implementation via UART
- Integrated Power Amp and SAW Filter
- UART interface simplifies data transfer

Applications:

- Meter Reading, Long Range,
- Read out sensor nodes



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Characteristics					
Parameter	Min	Typ	Max	Unit	Condition
Operating Conditions					
Operating temperature range	-20		85	°C	
Operating supply voltage	2.1	3.6	3.6	V	
Current Consumption					
Current consumption Tx		<400		mA	
Current consumption Rx		17		mA	
RF Characteristics					
Frequency range	868		870	MHz	
Bandwidth			250	kHz	
Link budget			174	dB	
Data rate RF FSK			50	kbit/s	
Data rate RF LoRa			9375	bit/s	
Tx Output power	-4	27		dBm	High efficient bypass for Amp -5 to 13 dBm TX Power 1dB Steps
Range					Up to tbd. km (Line of sight)
Modulations					FSK / LoRa

Visit our website to locate the most current product specifications, datasheets and contact information for your local Distributor.

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