LTR28 Series 315MHz/915MHz MP(+20dBm) RF LoRa Transceiver Modules

Features - Radio

- 315MHz/915MHz ISM Frequency Band, LoRa and (G)FSK modem, SX1262 IC
- Data rate – Up to 300kbps for (G)FSK, Up to 62.5kbps for LoRa
- -146dBm Receiver Sensitivity (LoRa, SF-12, BW-10.4kHz)
- +20dBm RF Output Power (adjustable with 1dB step size)
- Buffer packet data, spectrum shaping, FEC-Forward Error Correction
- Low current consumption, 4.9mA in receive mode, 600nA in sleep mode
- Full radio configuration/control and modem/data parameters

Other

- Power Supply : 1.8V~3.6V
- Operating Temperature : -40°C~+85°C
- Small profile : 32.49mmx23.64mm (LTR28RSH9/LTR28RSH3)

  27.73mmx23.64mm (LTR28CSH9/LTR28CSH3)

  23.41mmx19.58mm (LTR28-S9/LTR28-S3)

  27.73mmx19.58mm (LTR28-SC9/LTR28-SC3)

MPN	Frequency	Connector	RF Shield
LTR28RSH9	915MHz	SMA RF Connector	Yes
LTR28RSH3	315MHz	SMA RF Connector	Yes
LTR28CSH9	915MHz	U.FL RF Connector	Yes
LTR28CSH3	315MHz	U.FL RF Connector	Yes
LTR28-S9	915MHz	SMD/RF Pin	Yes
LTR28-S3	315MHz	SMD/RF Pin	Yes
LTR28-SC9	915MHz	SMD/U.FL RF Connector	Yes
LTR28-SC3	315MHz	SMD/U.FL RF Connector	Yes









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