

# RWS-315

**WEN SHING**®

Wen Shing Electronics

UHF ASK Receiver

The RF Module's Frequency Is From UHF ASK 300MHz To 434MHz

- High-Sensitivity Passive Design
- 4800 B/S Baseboard Data Rate
- Simple To Apply With Low External Parts Count
- Low Supply Voltage : Vcc=5Vdc
- ASK Data Shaping Comparator Included



## DC Characteristics

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
Vcc	Operating Supply Voltage		4.9	5	5.1	V
I Tot	Operating Supply Voltage		-	4.5	-	mA
V Data	Data Out	I Data = +200 $\mu$ A(High)	Vcc-0.5	-	Vcc	V
		I Data = -10 $\mu$ A(Low)	-	-	0.3	V

## Electrical Characteristics

Characteristics	SYM	Min	Typ	Max	Unit
Operationg Radio Frequency	Fc	300 ~ 434			MHz
Sensitivity	Pref.			-106	dBm
Channel Width		+ -500			kHz
Noise equivalent BW	NEB	-	5	4	kHz
baseboard data rate				3	kb/s
Receiver turn on time		-	-	5	ms