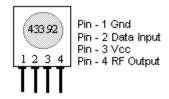
TWS-434 / RWS-434 http://www.rentron.com

TWS-434A RF Transmitter

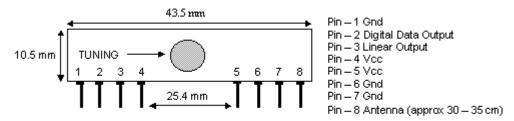


Frequency: 433.92MHz Modulation: AM

Operating Voltage: 2 - 12 VDC

Symbol	Parameter	Condition	Min	Тур	Max	Unit
Vcc	Supply Voltage		2.0	-	12.0	V
lp	Peak Current	2V / 12V	-	1.64 / 19.4	-	mA
Vh	Input High Voltage	Idata = 100uA (High)	Vcc-0.5	Vcc	Vcc+0.5	V
VI	Input Low Voltage	Idata = 0 uA (Low)	-	-	0.3	V
Fo	Operating Frequency		433.90	433.92	433.94	MHz
Tr / Tf	Modulation Rise / Fall Time	External Coding	-	-	100 / 100	uS
Ро	RF Output Power – Into 50Ω	Vcc = 9 to 12 V Vcc = 5 to 6V	-	16 14	-	dBm
Dr	Data Rate	External Coding	-	2.4K	3K	Bps

RWS-434 RF Receiver



Frequency: 433.92MHz Modulation: AM

Operating Voltage: 4.5 - 5.5 VDC

Output: Digital & Linear

Symbol	Parameter	Condition	Min	Тур	Max	Unit
Vcc	Supply Voltage		4.5	5	5.5	V
It	Operating Current		-	3.5	4.5	mA
	Channel Width	+ / - 500				kHz
Rd	Data Rate				3k	Bps
Vdat	Data Out	Idata = +200 uA (High)	Vcc-0.5	-	Vcc	V
		Idata = -10 uA (Low)	-	-	0.3	V

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