

PRODUCT TECHNICAL SPECIFICATIONS

Product	Brand	Type	File	Revision	Date
Transmitter Module	ERONE	SETM433	IS-TMD433UK	1	28/3/2002

Description	Saw transmitter module with external aerial				
Applications	ASK radio transmissions				
Technical specifications	Parameter	Min.	Typ.	Max	Unit
	Frequency band	433,05 – 434,790			MHz
	Carrier frequency	-	433,92	-	MHz
	Frequency carrier frequency	± 75			KHz
	Output power	-	-	+ 10	dBm
	Output power of the harmonics	-	-	< -73	dBm
	Modulation	AM / ASK			
	Baud-rate	-	-	4800	Baud
	Output impedance	-	50	-	Ω
	Power supply	-	+12	-	V
	Current consumption mA (with CW modulation)	-	-	25	mA
	Overall dimensions (l x h x p)	51 x 19 x 6			mm
	Operating temperature	- 20 ÷ + 80			°C
	Output pin pitch	2,54			mm
	Input signal	0 ÷ 5			V
Oscillator delay	-	-	50	μ Sec.	

Mechanical specifications		
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Block diagram		PIN-OUT
		<p>P1 = GND P2 = DIGITAL INPUT (0 ÷ 5 Vdc) P10 = GND P11 = OUTPUT AERIAL P13 = GND P14 = NOT USED P15 = POWER SUPPLY +12 Vdc</p>