



## Secondary Reference of TSic™

**TSic 3 0 6 TO92 -30/70**  
a b c d e

<b>a</b>	<b>Accuracy Type</b>
	1 = $\pm 0.5^{\circ}\text{C}$ @ RT; one point calibration
	2 = $\pm 0.5^{\circ}\text{C}$ at $80^{\circ}\text{C}$ range
	3 = $\pm 0.3^{\circ}\text{C}$ at $80^{\circ}\text{C}$ range
	4 = not defined
	5 = $\pm 0.1^{\circ}\text{C}$ at $40^{\circ}\text{C}$ range; limited measuring range ( $-10^{\circ}\text{C}$ to $60^{\circ}\text{C}$ )
	6 = not defined
	7 = $\pm 0.05^{\circ}\text{C}$ at $20^{\circ}\text{C}$ range; limited measuring range ( $-10^{\circ}\text{C}$ to $60^{\circ}\text{C}$ )
<b>b</b>	<b>Bit Size</b>
	0 = 11 Bit
	1 = 14 Bit
<b>c</b>	<b>Output Signal</b>
	1 = analog, 0-1V
	3 = ratiometric, 10% - 90% $V^{+}$
	6 = digital, ZACWire Protocol
<b>d</b>	<b>Housing</b>
	SOP-8 = 150mil, Standard SMT Technology, SOIC-8, after IEC 191-2Q: Type 076E35 B
	SOIC8 = 150mil, Standard SMT Technology, SOIC-8, after IEC 191-2Q
	TO92 = new THT housing (EP3)
	e-line = old THT housing
	KGD = Bare dice at wafer pack
	Wafer = Bare dice at wafer, not sawing
<b>e</b>	<b>Special</b>
	Standard: no value e.g. "250 Hz" for high sampling rate -30/70 = Temperature and tolerance range



INNOVATIVE SENSOR TECHNOLOGY

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