Temp (°C)	Digital Values (TSic x06)	Analog 0 V to 1 V (TSic x01)	Analog Ratiometric 10 % to 90 % (V^+ = 5.0 V) (TSic x03)
-50 [1]	0x000	0.000	10 % V^+ (0.5 V)
-10	0x199	0.200	26 % V^+ (1.3 V)
0	0x200	0.250	30 % V^+ (1.5 V)
25	0x2FF	0.375	40 % V^+ (2.0 V)
60	0x465	0.550	54 % V^+ (2.7 V)
125	0x6FE	0.875	80 % V^+ (4.0 V)
150 [2]	0x7FF	1.000	90 % V^+ (4.5 V)

1) LT = -50 2) HT = 150 as standard value for the temperature calculation

Formulas for the output signal [°C]:

Analog output (0 V to 1 V): $T = Sig\,[V] \times (HT - LT) + LT\,[°C]$

Ratiometric output (10 % to 90 %): $$T = \frac{\frac{Sig\,[V]}{V^+\,[V]} - 0.1}{0.8} \times (HT - LT) + LT \quad [°C]$$

Digital output - 11 bit: $$T = \frac{\text{Digital signal}}{2047} \times (HT - LT) + LT\,[°C]$$

Digital output - 14 bit (TSic 316): $$T = \frac{\text{Digital signal}}{16383} \times (HT - LT) + LT\,[°C]$$

LT: Lower temperature limit [= -50 °C]
HT: Higher temperature limit [= +150 °C]
V^+: Supply voltage [V]
Sig[V]: Analog/ratiometric output signal [V]