

Conversion Table from HEX value output of thermal sensor to temperature value

Telemetry (HEX)	Temp [degC]	Telemetry (HEX)	Temp [degC]	Telemetry (HEX)	Temp [degC]	Telemetry (HEX)	Temp [degC]
0x7F	105.9	0x3F	66.8	0xFF	27.6	0xBF	-11.5
0x7E	105.3	0x3E	66.2	0xFE	27.0	0xBE	-12.1
0x7D	104.7	0x3D	65.5	0xFD	26.4	0xBD	-12.7
0x7C	104.1	0x3C	64.9	0xFC	25.8	0xBC	-13.3
0x7B	103.4	0x3B	64.3	0xFB	25.2	0xBB	-13.9
0x7A	102.8	0x3A	63.7	0xFA	24.6	0xBA	-14.5
0x79	102.2	0x39	63.1	0xF9	24.0	0xB9	-15.2
0x78	101.6	0x38	62.5	0xF8	23.4	0xB8	-15.8
0x77	101.0	0x37	61.9	0xF7	22.7	0xB7	-16.4
0x76	100.4	0x36	61.3	0xF6	22.1	0xB6	-17.0
0x75	99.8	0x35	60.7	0xF5	21.5	0xB5	-17.6
0x74	99.2	0x34	60.0	0xF4	20.9	0xB4	-18.2
0x73	98.6	0x33	59.4	0xF3	20.3	0xB3	-18.8
0x72	97.9	0x32	58.8	0xF2	19.7	0xB2	-19.4
0x71	97.3	0x31	58.2	0xF1	19.1	0xB1	-20.0
0x70	96.7	0x30	57.6	0xF0	18.5	0xB0	-20.7
0x6F	96.1	0x2F	57.0	0xEF	17.9	0xAF	-21.3
0x6E	95.5	0x2E	56.4	0xEE	17.2	0xAE	-21.9
0x6D	94.9	0x2D	55.8	0xED	16.6	0xAD	-22.5
0x6C	94.3	0x2C	55.1	0xEC	16.0	0xAC	-23.1
0x6B	93.7	0x2B	54.5	0xEB	15.4	0xAB	-23.7
0x6A	93.1	0x2A	53.9	0xEA	14.8	0xAA	-24.3
0x69	92.4	0x29	53.3	0xE9	14.2	0xA9	-24.9
0x68	91.8	0x28	52.7	0xE8	13.6	0xA8	-25.5
0x67	91.2	0x27	52.1	0xE7	13.0	0xA7	-26.2
0x66	90.6	0x26	51.5	0xE6	12.4	0xA6	-26.8
0x65	90.0	0x25	50.9	0xE5	11.7	0xA5	-27.4
0x64	89.4	0x24	50.3	0xE4	11.1	0xA4	-28.0
0x63	88.8	0x23	49.6	0xE3	10.5	0xA3	-28.6
0x62	88.2	0x22	49.0	0xE2	9.9	0xA2	-29.2
0x61	87.5	0x21	48.4	0xE1	9.3	0xA1	-29.8
0x60	86.9	0x20	47.8	0xE0	8.7	0xA0	-30.4
0x5F	86.3	0x1F	47.2	0xDF	8.1	0x9F	-31.0
0x5E	85.7	0x1E	46.6	0xDE	7.5	0x9E	-31.7
0x5D	85.1	0x1D	46.0	0xDD	6.9	0x9D	-32.3
0x5C	84.5	0x1C	45.4	0xDC	6.2	0x9C	-32.9
0x5B	83.9	0x1B	44.8	0xDB	5.6	0x9B	-33.5
0x5A	83.3	0x1A	44.1	0xDA	5.0	0x9A	-34.1
0x59	82.7	0x19	43.5	0xD9	4.4	0x99	-34.7
0x58	82.0	0x18	42.9	0xD8	3.8	0x98	-35.3
0x57	81.4	0x17	42.3	0xD7	3.2	0x97	-35.9
0x56	80.8	0x16	41.7	0xD6	2.6	0x96	-36.6
0x55	80.2	0x15	41.1	0xD5	2.0	0x95	-37.2
0x54	79.6	0x14	40.5	0xD4	1.4	0x94	-37.8
0x53	79.0	0x13	39.9	0xD3	0.7	0x93	-38.4
0x52	78.4	0x12	39.3	0xD2	0.1	0x92	-39.0
0x51	77.8	0x11	38.6	0xD1	-0.5	0x91	-39.6
0x50	77.2	0x10	38.0	0xD0	-1.1	0x90	-40.2
0x4F	76.5	0x0F	37.4	0xCF	-1.7	0x8F	-40.8
0x4E	75.9	0x0E	36.8	0xCE	-2.3	0x8E	-41.4
0x4D	75.3	0x0D	36.2	0xCD	-2.9	0x8D	-42.1
0x4C	74.7	0x0C	35.6	0xCC	-3.5	0x8C	-42.7
0x4B	74.1	0x0B	35.0	0xCB	-4.2	0x8B	-43.3
0x4A	73.5	0x0A	34.4	0xCA	-4.8	0x8A	-43.9
0x49	72.9	0x09	33.8	0xC9	-5.4	0x89	-44.5
0x48	72.3	0x08	33.1	0xC8	-6.0	0x88	-45.1
0x47	71.7	0x07	32.5	0xC7	-6.6	0x87	-45.7
0x46	71.0	0x06	31.9	0xC6	-7.2	0x86	-46.3
0x45	70.4	0x05	31.3	0xC5	-7.8	0x85	-46.9
0x44	69.8	0x04	30.7	0xC4	-8.4	0x84	-47.6
0x43	69.2	0x03	30.1	0xC3	-9.0	0x83	-48.2
0x42	68.6	0x02	29.5	0xC2	-9.7	0x82	-48.8
0x41	68.0	0x01	28.9	0xC1	-10.3	0x81	-49.4
0x40	67.4	0x00	28.3	0xC0	-10.9	0x80	-50.0