

Outback Power Systems FX RTS Conversion Table

A/D Counts Displayed by Mate	RTS Temp in Deg C	A/D Counts Displayed by Mate	RTS Temp in Deg C	A/D Counts Displayed by Mate	RTS Temp in Deg C
1	210.435	86	40.964	171	8.664
2	179.410	87	40.520	172	8.284
3	162.405	88	40.081	173	7.903
4	150.809	89	39.644	174	7.520
5	142.065	90	39.211	175	7.136
6	135.075	91	38.780	176	6.750
7	129.266	92	38.353	177	6.362
8	124.307	93	37.929	178	5.972
9	119.985	94	37.507	179	5.580
10	116.159	95	37.088	180	5.186
11	112.728	96	36.672	181	4.790
12	109.620	97	36.259	182	4.392
13	106.781	98	35.847	183	3.991
14	104.167	99	35.439	184	3.588
15	101.747	100	35.033	185	3.182
16	99.494	101	34.628	186	2.774
17	97.386	102	34.227	187	2.363
18	95.406	103	33.827	188	1.949
19	93.539	104	33.429	189	1.533
20	91.772	105	33.034	190	1.113
21	90.097	106	32.640	191	0.690
22	88.502	107	32.248	192	0.264
23	86.982	108	31.858	193	-0.166
24	85.528	109	31.469	194	-0.599
25	84.136	110	31.083	195	-1.036
26	82.800	111	30.698	196	-1.477
27	81.516	112	30.314	197	-1.922
28	80.279	113	29.932	198	-2.371
29	79.086	114	29.552	199	-2.824
30	77.935	115	29.172	200	-3.282
31	76.821	116	28.795	201	-3.745
32	75.743	117	28.418	202	-4.213
33	74.698	118	28.043	203	-4.686
34	73.684	119	27.668	204	-5.164
35	72.699	120	27.295	205	-5.648
36	71.742	121	26.923	206	-6.137
37	70.810	122	26.553	207	-6.633
38	69.902	123	26.183	208	-7.135
39	69.018	124	25.814	209	-7.644
40	68.155	125	25.445	210	-8.160
41	67.312	126	25.078	211	-8.683
42	66.489	127	24.711	212	-9.214
43	65.685	128	24.346	213	-9.753
44	64.898	129	23.981	214	-10.300
45	64.127	130	23.616	215	-10.856
46	63.373	131	23.252	216	-11.422
47	62.634	132	22.889	217	-11.997
48	61.909	133	22.526	218	-12.583
49	61.198	134	22.164	219	-13.180
50	60.500	135	21.802	220	-13.788
51	59.814	136	21.440	221	-14.409
52	59.141	137	21.079	222	-15.042
53	58.479	138	20.718	223	-15.689
54	57.829	139	20.357	224	-16.351
55	57.189	140	19.997	225	-17.029
56	56.559	141	19.637	226	-17.723
57	55.939	142	19.276	227	-18.434
58	55.328	143	18.916	228	-19.165
59	54.727	144	18.556	229	-19.916
60	54.134	145	18.196	230	-20.689
61	53.549	146	17.836	231	-21.486
62	52.973	147	17.475	232	-22.308
63	52.404	148	17.115	233	-23.158
64	51.843	149	16.754	234	-24.038
65	51.289	150	16.393	235	-24.952
66	50.743	151	16.032	236	-25.902
67	50.202	152	15.670	237	-26.891
68	49.669	153	15.308	238	-27.926
69	49.142	154	14.945	239	-29.010
70	48.620	155	14.582	240	-30.149
71	48.105	156	14.219	241	-31.352
72	47.595	157	13.855	242	-32.626
73	47.091	158	13.490	243	-33.982
74	46.592	159	13.124	244	-35.435
75	46.099	160	12.758	245	-37.002
76	45.610	161	12.391	246	-38.704
77	45.126	162	12.023	247	-40.547
78	44.647	163	11.654	248	-42.647
79	44.172	164	11.284	249	-44.989
80	43.701	165	10.914	250	-47.690
81	43.235	166	10.542	251	-50.899
82	42.773	167	10.169	252	-54.889
83	42.315	168	9.794	253	-60.251
84	41.861	169	9.419	254	-68.774
85	41.411	170	9.042	255	open sensor