Power Consumption SCAN	Serie 1	Serie 2
SD + SDK	4940	μΑ
Zephyr	5720	5670 μΑ

Power Consu	umption CONN 1P	Serie 1	Serie 2				
Conn.Int.	SD + SDK	D + SDK 2140					
7.5ms	Zephyr	2260	2050 μΑ				
Conn.Int.	SD + SDK	990	μΑ				
50ms	Zephyr	838	998 μΑ				
Conn.Int.	SD + SDK	389	μΑ				
400ms	Zephyr	569	605 μΑ				

Power Consu	umption CONN 4P	Serie 1	Serie 2
Conn.Int.	SD + SDK	1400	μΑ
50ms	Zephyr	1480	1760 μΑ
Conn.Int.	SD + SDK	477	μΑ
400ms	Zephyr	735	838 μΑ

Power Consu	umption CONN 8P	Serie 1	Serie 2		
Conn.Int.	SD + SDK	2200	μΑ		
50ms	Zephyr	3010	1940 μΑ		
Conn.Int.	SD + SDK	693	μΑ		
400ms	Zephyr	1980	1090 μΑ		

0	1	10	20	30	40	50	60	70	80	90	100 kHz
5500	5810	6060	6790	7410	8000	7890	8250	8170	8210	8370	9060 μΑ
5800	5820	6270	6760	7370	7990	7810	8220	8110	8020	8310	8870 μΑ
Result 1	Result 2	Result 3	Resu	lts							
18.35	18.27	6.75	14.45 μ	ıs							
18.25	6.63	5.94	10.27 μ	lS .							
18.56	44.94	9.81	24.44 μ	.S							
Mea	ıs.	Setting	gs	Error A	.bs	Error R	el				
200.0103 r	ns	200 ms	S	0.0103 m	S	0.0051 %					
200.0096 r	ns	200 ms	S	0.0096 m	S	0.0048 %					
200.0109 r	ns	200 ms	S	0.0109 m	S	0.0055 %					
Mea	ıs.	Setting	gs	Error A	bs	Error R	el				
49.974 r	ns	50 ms	S	0.0260 m	S	0.0521 %					
49.955 r	ns	50 ms	S	0.0455 m	S	0.0911 %					
49.990 r	ns	50 ms	S	0.0098 m	S	0.0196 %					
0	1	10	20	30	40	50	60	70	80	90	100 kHz
5720	5810	6300	6910	7840	8680	8190	8550	8860	8710	9060	9090 μΑ
Result 1	Result 2	Result 3	Resu	lts							
6.43	6.36	6.51	6.43 µ	lS .							
6.25	5.13	6.19									
18.56	6.44	6.94	10.65 μ	.S							
Mea	ıs.	Setting	gs	Error A	.bs	Error R	el				
200.0102 r	ns	200 m	S	0.0102 m	S	0.0051 %					
200.0091 r	ns	200 m	S	0.0091 m	S	0.0046 %					
200.0110 r	ns			0.0110 m	S	0.0055 %					
		Setting	gs	Error A	bs	Error R	el				
		50 ms	s			0.7014 %					
49.6514 r	ns	50 ms	s	0.3486 m	S	0.7021 %					
49 6521 r	ns	50 ms	S	0.3479 m	S	0.7008 %					
	5500 5800 Result 1 18.35 18.25 18.56 Mea 200.0103 r 200.0096 r 200.0109 r Mea 49.974 r 49.955 r 49.990 r 0 5720 Result 1 6.43 6.25 18.56 Mea 200.0102 r 200.0091 r 200.0091 r 200.0091 r 49.6518 r 49.6514 r	5500 5810 5800 5820 Result 1 Result 2 18.35 18.27 18.25 6.63 18.56 44.94 Meas. 200.0103 ms 200.0096 ms 200.0109 ms Meas. 49.974 ms 49.955 ms 49.990 ms 0 1 5720 5810 Result 1 Result 2 6.43 6.36 6.25 5.13	5500 5810 6060 5800 5820 6270 Result 1 Result 2 Result 3 18.35 18.27 6.75 18.25 6.63 5.94 18.56 44.94 9.81 Meas. Setting 200.0103 ms 200 200.0096 ms 200 200.0109 ms 200 Meas. Setting 49.974 ms 50 49.9955 ms 50 49.990 ms 50 49.990 ms 50 6.43 6.36 6.51 6.25 5.13 6.19 18.56 6.44 6.94 Meas. Setting 200.0102 ms 200 200.0110 ms 200 49.6518 ms 50 49.6514 ms 50	5500 5810 6060 6790 5800 5820 6270 6760 Result 1 Result 2 Result 3 Result 3 18.35 18.27 6.75 14.45 μ 18.25 6.63 5.94 10.27 μ 18.56 44.94 9.81 24.44 μ Meas. Settings 200.0103 ms 200 ms 200.0109 ms 200 ms 200.0109 ms 200 ms 49.974 ms 50 ms 49.9955 ms 50 ms 49.990 ms 50 ms 49.990 ms 50 ms 6.43 6.36 6.51 6.43 6.36 6.51 6.43 μ 6.25 5.13 6.19 5.86 μ 18.56 6.44 6.94 10.65 μ Meas. Settings 200.0102 ms 200 ms 200.0110 ms 200 ms 200.0110 ms 200 ms 49.6518 ms 50 ms	S500 S810 6060 6790 7410	5500 5810 6060 6790 7410 8000 5800 5820 6270 6760 7370 7990 Result 1 Result 2 Result 3 Results Results 18.35 18.27 6.75 14.45 μs 18.25 6.63 5.94 10.27 μs 10.27 μs 18.56 44.94 9.81 24.44 μs 10.27 μs 18.56 44.94 9.81 24.44 μs 10.0103 ms 10.0109 ms 10.0109 ms 10.0109 ms 10.0109 ms 10.0109 ms 10.0109 ms 10.020 ms </td <td> S500 S810 6060 6790 7410 8000 7890 7810 5800 5820 6270 6760 7370 7990 7810 </td> <td> S500</td> <td> S500</td> <td> S500</td> <td> S500</td>	S500 S810 6060 6790 7410 8000 7890 7810 5800 5820 6270 6760 7370 7990 7810	S500	S500	S500	S500

. Int. 7.5ms, 1 Peripheral, Int.										
mption 0	1 10	20	30	40	50	60	70	80	90	100 kHz
4900 49	10 5470	6200	7080	7970	7680	8250	8060	8270	8540	8860 μΑ
4890 49	20 5490	6210	7060	7940	7640	8210	8000	8210	8500	8850 μΑ
ency Result 1 Result	2 Result 3	Results	S							
6.71 7.	93 8.22	7.62 μs								
6.63 6.	6.63	6.63 µs								
6.75 22.	00 26.94	18.56 μs								
terval Meas.	Setting	gs	Error Ab	s	Error Re					
7.5004 ms	7.5 m	S	0.0004 ms		0.0051 %					
7.4994 ms	7.5 m	S	0.0006 ms		0.0084 %					
7.5014 ms	7.5 m	S	0.0014 ms		0.0192 %					
vent Meas.										
5.9710 ms										
5.8886 ms										
6.0458 ms										
n. Int. 7.5ms, 1 Peripheral, Int.										
nption 0	1 10	20	30	40	50	60	70	80	90	100 kHz
5530 56	20 6050	6650	7310	7990	7680	7960	8050	8220	8450	8450 μΑ
ency Result 1 Result	2 Result 3	Results	S							
6.61 7.	6.36	6.88 µs								
6.25 6.	19 6.06	6.17 μs								
6.88 38.	13 9.69	18.23 μs								
terval Meas.	Setting	gs	Error Ab	S	Error Re	l				
7.5004 ms	7.5 m	S	0.0004 ms		0.0053 %					
7.4988 ms	7.5 m	S	0.0012 ms		0.0160 %					
7.5021 ms	7.5 m	S	0.0021 ms		0.0280 %					
vent Meas.										
1.7401 ms										
0.9728 ms										
2.0869 ms										
vent Meas. 1.7401 ms	7.5 m	S	0.0021 ms		0.0280 %					

Zephyr, Conn. Int. 50ms, 1 Per	ripheral, Int	•										
Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 2	2600	2670	3030	3540	4210	4910	4650	5170	4860	5260	5310	5940 μΑ
serie 1	2610	2660	3010	3510	4200	4890	4640	5150	4850	5260	5310	5930 μΑ
Interrupt Latency	Result 1	Result 2	Result 3	Result	:S							
Avg.	7.28	7.29	6.83	7.13 μs	;							
Min	6.69	6.63	5.88	6.40 µs	i							
Max	13.63	26.69	9.69	16.67 μς	i							
Connection Interval	Me	as.	Settii	ngs	Error Abs	5	Error Re					
Avg.	50.0025	ms	50 r	ns	0.0025 ms		0.0051 %					
Min	50.0014	ms	50 r	ns	0.0014 ms		0.0029 %					
Max	50.0036	ms	50 r	ns	0.0036 ms		0.0073 %					
Connection Event	Me	as.										
Avg.	9.2544	ms										
Min	0.9566	ms										
Max	37.5	ms										
SD+SDK, Conn. Int. 50ms, 1 Pe	eripheral, In	it.										
Power Consumption	0											
	U	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	2610	2690	10 3170	3770	30 4720	40 5660	50 5120	60 5160	70 5400	80 5740	90 6070	100 kHz 5860 μA
serie 1 Interrupt Latency												
	2610	2690	3170	3770	4720							
Interrupt Latency	2610 Result 1	2690 Result 2	3170 Result 3	3770 Results	4720							
Interrupt Latency Avg.	2610 Result 1 6.48	2690 Result 2 6.68	3170 Result 3 6.68	3770 Results 6.61 μs	4720 ;							
Interrupt Latency Avg. Min	2610 Result 1 6.48 6.31	2690 Result 2 6.68 6.19	3170 Result 3 6.68 6.19	3770 Results 6.61 µs 6.23 µs 35.02 µs	4720 ;	5660						
Interrupt Latency Avg. Min Max	2610 Result 1 6.48 6.31 6.81	2690 Result 2 6.68 6.19 49.13	3170 Result 3 6.68 6.19 49.13	3770 Results 6.61 \(\mu \text{s}\) 6.23 \(\mu \text{s}\) 35.02 \(\mu \text{s}\)	4720	5660	5120					
Interrupt Latency Avg. Min Max Connection Interval	2610 Result 1 6.48 6.31 6.81 Meas.	2690 Result 2 6.68 6.19 49.13	3170 Result 3 6.68 6.19 49.13 Settings	3770 Results 6.61 µs 6.23 µs 35.02 µs E	4720	5660	5120 Error Rel					
Interrupt Latency Avg. Min Max Connection Interval Avg.	2610 Result 1 6.48 6.31 6.81 Meas. 50.0025	2690 Result 2 6.68 6.19 49.13 ms	3170 Result 3 6.68 6.19 49.13 Settings	3770 Results 6.61 μs 6.23 μs 35.02 μs Ems	4720 rror Abs 0.0025 ms	5660	5120 Error Rel 0.0050 %					
Interrupt Latency Avg. Min Max Connection Interval Avg. Min	2610 Result 1 6.48 6.31 6.81 Meas. 50.0025 50.0001	2690 Result 2 6.68 6.19 49.13 ms	3170 Result 3 6.68 6.19 49.13 Settings 50 r	3770 Results 6.61 μs 6.23 μs 35.02 μs Ems	4720 Fror Abs 0.0025 ms 0.0001 ms	5660	5120 Error Rel 0.0050 % 0.0002 %					
Interrupt Latency Avg. Min Max Connection Interval Avg. Min Max	2610 Result 1 6.48 6.31 6.81 Meas. 50.0025 50.0001 50.0039	2690 Result 2 6.68 6.19 49.13 ms ms	3170 Result 3 6.68 6.19 49.13 Settings 50 r	3770 Results 6.61 μs 6.23 μs 35.02 μs Ems	4720 Fror Abs 0.0025 ms 0.0001 ms	5660	5120 Error Rel 0.0050 % 0.0002 %					
Interrupt Latency Avg. Min Max Connection Interval Avg. Min Max Connection Event	2610 Result 1 6.48 6.31 6.81 Meas. 50.0025 50.0001 50.0039 Meas.	2690 Result 2 6.68 6.19 49.13 ms ms ms	3170 Result 3 6.68 6.19 49.13 Settings 50 r	3770 Results 6.61 μs 6.23 μs 35.02 μs Ems	4720 Fror Abs 0.0025 ms 0.0001 ms	5660	5120 Error Rel 0.0050 % 0.0002 %					

eripheral, Ir	16.										
0	1	10	20	30	40	50	60	70	80	90	100 kHz
1400	1400	1870	2450	3270	4110	3780	4350	4510	4540	4520	5240 μΑ
1370	1460	1860	2420	3220	4020	3750	4340	3880	4290	4480	5150 μΑ
Result 1	Result 2	Result 3	Results								
7.06	7.83	6.82	7.23	μs							
7.00	6.63	6.31	6.65	μs							
7.13	27.25	8.31	14.23	μs							
Meas.		Settings		Error Abs		Error Rel					
400.0201	ms	400 ı	ns	0.0201 ms		0.0050 %					
400.0194	ms	400 ı	ns	0.0194 ms		0.0048 %					
400.0205	ms	400 ı	ns	0.0205 ms		0.0051 %					
Meas.											
21.4574	ms										
18.1215	ms										
24.7618	ms										
Derinheral I	nt										
Peripheral, I		10	20	30	40	50	60	70	80	90	100 kHz
0	1	10 1760	20 2550	30 3750	40 4850	50 4180	60 4110	70 4430	80 4880	90 5280	100 kHz 4910 uA
0 926	1 1030	1760	2550	30 3750	40 4850	50 4180	60 4110	70 4430	80 4880	90 5280	100 kHz 4910 μA
926 Result 1	1 1030 Result 2	1760 Result 3	2550 Results	3750							
0 926	1 1030 Result 2 6.83	1760 Result 3 6.39	2550 Results 6.53	3750 μs							
0 926 Result 1 6.36 6.31	1 1030 Result 2 6.83 6.25	1760 Result 3 6.39 6.13	2550 Results 6.53 6.23	3750 μs μs							
0 926 Result 1 6.36	1 1030 Result 2 6.83	1760 Result 3 6.39	2550 Results 6.53	3750 μs μs							
0 926 Result 1 6.36 6.31 6.75	1 1030 Result 2 6.83 6.25 35.94	1760 Result 3 6.39 6.13 9.63	2550 Results 6.53 6.23 17.44	3750 μs μs μs		4180					
0 926 Result 1 6.36 6.31 6.75 Meas.	1 1030 Result 2 6.83 6.25 35.94	1760 Result 3 6.39 6.13 9.63 Settings	2550 Results 6.53 6.23 17.44	3750 μs μs μs Error Abs		4180 Error Rel					
0 926 Result 1 6.36 6.31 6.75 Meas. 400.0202	1 1030 Result 2 6.83 6.25 35.94	1760 Result 3 6.39 6.13 9.63 Settings	2550 Results 6.53 6.23 17.44 ms	3750 μs μs μs Error Abs 0.0202 ms		4180 Error Rel 0.0050 %					
0 926 Result 1 6.36 6.31 6.75 Meas. 400.0202 400.0193	1 1030 Result 2 6.83 6.25 35.94	1760 Result 3 6.39 6.13 9.63 Settings 400 1	2550 Results 6.53 6.23 17.44 ms	3750 μs μs μs Error Abs 0.0202 ms 0.0193 ms		4180 Error Rel 0.0050 % 0.0048 %					
0 926 Result 1 6.36 6.31 6.75 Meas. 400.0202 400.0193	1 1030 Result 2 6.83 6.25 35.94 ms ms	1760 Result 3 6.39 6.13 9.63 Settings 400 1	2550 Results 6.53 6.23 17.44 ms	3750 μs μs μs Error Abs 0.0202 ms 0.0193 ms		4180 Error Rel 0.0050 % 0.0048 %					
0 926 Result 1 6.36 6.31 6.75 Meas. 400.0202 400.0193 400.0210 Meas.	1 1030 Result 2 6.83 6.25 35.94 ms ms	1760 Result 3 6.39 6.13 9.63 Settings 400 1	2550 Results 6.53 6.23 17.44 ms	3750 μs μs μs Error Abs 0.0202 ms 0.0193 ms		4180 Error Rel 0.0050 % 0.0048 %					
	1400 1370 Result 1 7.06 7.00 7.13 Meas. 400.0201 400.0194 400.0205 Meas. 21.4574 18.1215	1400 1400 1370 1460 Result 1 Result 2 7.06 7.83 7.00 6.63 7.13 27.25 Meas. 400.0201 ms 400.0194 ms 400.0205 ms	1400 1400 1870 1370 1460 1860 Result 1 Result 2 Result 3 7.06 7.83 6.82 7.00 6.63 6.31 7.13 27.25 8.31 Meas. Settings 400.0201 ms 400 m 400.0194 ms 400 m 400.0205 ms 400 m Meas. 21.4574 ms 18.1215 ms	1400 1400 1870 2450 1370 1460 1860 2420 Result 1 Result 2 Result 3 Results 7.06 7.83 6.82 7.23 7.00 6.63 6.31 6.65 7.13 27.25 8.31 14.23 Meas. Settings 400.0201 ms 400 ms 400.0194 ms 400 ms 400.0205 ms 400 ms Meas. 21.4574 ms 18.1215 ms	1400	1400 1400 1870 2450 3270 4110 1370 1460 1860 2420 3220 4020 Result 1 Result 2 Result 3 Results 7.06 7.83 6.82 7.23 μs 7.00 6.63 6.31 6.65 μs 7.13 27.25 8.31 14.23 μs Meas. Settings Error Abs 400.0201 ms 400 ms 0.0201 ms 400.0194 ms 400 ms 0.0194 ms 400.0205 ms 400 ms 0.0205 ms Meas. 18.1215 ms	1400 1400 1870 2450 3270 4110 3780 1370 1460 1860 2420 3220 4020 3750 Result 1 Result 2 Result 3 Results 7.06 7.83 6.82 7.23 μs 7.00 6.63 6.31 6.65 μs 7.13 27.25 8.31 14.23 μs Meas. Settings Error Abs Error Rel 400.0201 ms 400 ms 0.0201 ms 0.0050 % 400.0194 ms 400 ms 0.0194 ms 0.0048 % 400.0205 ms 400 ms 0.0205 ms 0.0051 % Meas. 21.4574 ms 18.1215 ms	1400 1400 1870 2450 3270 4110 3780 4350 1370 1460 1860 2420 3220 4020 3750 4340 Result 1 Result 2 Result 3 Results 7.06 7.83 6.82 7.23 μs 7.00 6.63 6.31 6.65 μs 7.13 27.25 8.31 14.23 μs Meas. Settings Error Abs Error Rel 400.0201 ms 400 ms 0.00201 ms 0.0050 % 400.0194 ms 400 ms 0.0194 ms 0.0048 % 400.0205 ms 400 ms 0.0205 ms 0.0051 % Meas. 21.4574 ms 18.1215 ms	1400 1400 1870 2450 3270 4110 3780 4350 4510 1370 1460 1860 2420 3220 4020 3750 4340 3880 Result 1 Result 2 Result 3 Results 7.06 7.83 6.82 7.23 μs 7.00 6.63 6.31 6.65 μs 7.13 27.25 8.31 14.23 μs Meas. Settings Error Abs Error Rel 400.0201 ms 400 ms 0.0201 ms 0.0050 % 400.0194 ms 400 ms 0.0194 ms 0.0048 % 400.0205 ms 400 ms 0.0205 ms 0.0051 % Meas. 21.4574 ms 18.1215 ms	1400	1400

Zephyr, Conn. Int. 400ms, 4	Peripherals,	Int.										
Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 2	1750	1760	2180	2680	3430	4180	3960	4510	4210	4550	4670	5280 μΑ
serie 1	1840	1980	2270	2770	3500	4180	3890	4440	4100	4480	4600	5260 μΑ
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	9.31	7.95	7.12	8.13	μs							
Min	6.94	2.31	5.56	4.94	μs							
Max	27.19	33.44	11.44	24.02	μs							
Connection Interval	Meas.		Settings		Error Abs		Error Rel					
Avg.	400.0201	ms	400	ms	0.0201 ms		0.0050 %					
Min	400.0191	ms	400	ms	0.0191 ms		0.0048 %					
Max	400.0206	ms	400	ms	0.0206 ms		0.0051 %					
Connection Event	Meas.											
Avg.	34.3364	ms										
Min	31.3099	ms										
Max	38.4825	ms										
SD+SDK, Conn. Int. 400ms,	•											
Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	1820	1950	2460	3130	4170	5260	4670	4470	4860	5250	5670	5420 μΑ
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	9.70	7.30	6.41	7.80	•							
Min	6.38	6.25	6.25	6.29								
Max	5.00	42.50	11.63	19.71	•							
Connection Interval	Meas.		Settings		Error Abs		Error Rel					
Avg.	400.0201		400		0.0201 ms		0.0050 %					
Min	400.0192		400		0.0192 ms		0.0048 %					
Max	400.0214	ms	400	ms	0.0214 ms		0.0054 %					
Connection Event	Meas.											
Avg.	13.3296											
Min	13.3205											
Max	13.3374	ms										

100 kHz 9080 μA 8680 μA
•
Β680 μΑ
100 kHz
9040 μΑ

Zephyr, Conn. Int. 400ms, 8	8 Peripherals,	Int.										
Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 2	2420	2430	2790	3430	3970	4680	4450	5070	4590	5070	5250	5890 μΑ
serie 1	2480	2400	2940	3410	4070	4760	4550	5060	4620	5090	5210	5930 μΑ
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	14.15	7.01	6.65	9.27	μs							
Min	6.50	6.50	5.63	6.21	μs							
Max	130.94	24.25	9.94	55.04	•							
Connection Interval	Meas.		Settings		Error Abs		Error Rel					
Avg.	400.0202	ms	400	ms	0.0202 ms		0.0050 %					
Min	400.0196	ms	400	ms	0.0196 ms		0.0049 %					
Max	400.0206	ms	400	ms	0.0206 ms		0.0051 %					
Connection Event	Meas.											
Avg.	44.3	ms										
Min	40.7067	ms										
Max	47.3	ms										
SD+SDK, Conn. Int. 400ms,	8 Peripherals,											
Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	2190	2230	2750	3350	4450	5370	4870	4830	5110	5370	5790	5870 μΑ
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	8.04	8.52	6.43	7.66	•							
Min	6.31	6.19	5.75	6.08								
Max	37.81	49.75	9.44	32.33								
Connection Interval	Meas.		Settings		Error Abs		Error Rel					
Avg.	400.0201		400		0.0201 ms		0.0050 %					
Min	400.0191		400		0.0191 ms		0.0048 %					
Max	400.0217	ms	400	ms	0.0217 ms		0.0054 %					
Connection Event	Meas.											
Avg.	28.3316											
Min	28.3193											
Max	28.3513	ms										