

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

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

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

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

Zephyr Scanning, Int.												
Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 2	5500	5810	6060	6790	7410	8000	7890	8250	8170	8210	8370	9060 μ A
serie 1	5800	5820	6270	6760	7370	7990	7810	8220	8110	8020	8310	8870 μ A
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	18.35	18.27	6.75	14.45 μ s								
Min	18.25	6.63	5.94	10.27 μ s								
Max	18.56	44.94	9.81	24.44 μ s								
Scan Interval	Meas.		Settings		Error Abs		Error Rel					
Avg.	200.0103 ms		200 ms		0.0103 ms		0.0051 %					
Min	200.0096 ms		200 ms		0.0096 ms		0.0048 %					
Max	200.0109 ms		200 ms		0.0109 ms		0.0055 %					
Scan Window	Meas.		Settings		Error Abs		Error Rel					
Avg.	49.974 ms		50 ms		0.0260 ms		0.0521 %					
Min	49.955 ms		50 ms		0.0455 ms		0.0911 %					
Max	49.990 ms		50 ms		0.0098 ms		0.0196 %					

SD+SDK Scanning, Int.												
Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	5720	5810	6300	6910	7840	8680	8190	8550	8860	8710	9060	9090 μ A
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	6.43	6.36	6.51	6.43 μ s								
Min	6.25	5.13	6.19	5.86 μ s								
Max	18.56	6.44	6.94	10.65 μ s								
Scan Interval	Meas.		Settings		Error Abs		Error Rel					
Avg.	200.0102 ms		200 ms		0.0102 ms		0.0051 %					
Min	200.0091 ms		200 ms		0.0091 ms		0.0046 %					
Max	200.0110 ms		200 ms		0.0110 ms		0.0055 %					
Scan Window	Meas.		Settings		Error Abs		Error Rel					
Avg.	49.6518 ms		50 ms		0.3482 ms		0.7014 %					
Min	49.6514 ms		50 ms		0.3486 ms		0.7021 %					
Max	49.6521 ms		50 ms		0.3479 ms		0.7008 %					

Zephyr, Conn. Int. 7.5ms, 1 Peripheral, Int.

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 2	4900	4940	5470	6200	7080	7970	7680	8250	8060	8270	8540	8860 μA
serie 1	4890	4920	5490	6210	7060	7940	7640	8210	8000	8210	8500	8850 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	6.71	7.93	8.22	7.62 μs								
Min	6.63	6.63	6.63	6.63 μs								
Max	6.75	22.00	26.94	18.56 μs								
Connection Interval	Meas.		Settings	Error Abs		Error Rel						
Avg.	7.5004 ms		7.5 ms	0.0004 ms		0.0051 %						
Min	7.4994 ms		7.5 ms	0.0006 ms		0.0084 %						
Max	7.5014 ms		7.5 ms	0.0014 ms		0.0192 %						
Connection Event	Meas.											
Avg.	5.9710 ms											
Min	5.8886 ms											
Max	6.0458 ms											

SD+SDK, Conn. Int. 7.5ms, 1 Peripheral, Int.

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	5530	5620	6050	6650	7310	7990	7680	7960	8050	8220	8450	8450 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	6.61	7.66	6.36	6.88 μs								
Min	6.25	6.19	6.06	6.17 μs								
Max	6.88	38.13	9.69	18.23 μs								
Connection Interval	Meas.		Settings		Error Abs		Error Rel					
Avg.	7.5004 ms		7.5 ms		0.0004 ms		0.0053 %					
Min	7.4988 ms		7.5 ms		0.0012 ms		0.0160 %					
Max	7.5021 ms		7.5 ms		0.0021 ms		0.0280 %					
Connection Event	Meas.											
Avg.	1.7401 ms											
Min	0.9728 ms											
Max	2.0869 ms											

Zephyr, Conn. Int. 50ms, 1 Peripheral, 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 μA
serie 1	2610	2660	3010	3510	4200	4890	4640	5150	4850	5260	5310	5930 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	7.28	7.29	6.83	7.13 μs								
Min	6.69	6.63	5.88	6.40 μs								
Max	13.63	26.69	9.69	16.67 μs								
Connection Interval	Meas.		Settings		Error Abs		Error Rel					
Avg.	50.0025 ms		50 ms		0.0025 ms		0.0051 %					
Min	50.0014 ms		50 ms		0.0014 ms		0.0029 %					
Max	50.0036 ms		50 ms		0.0036 ms		0.0073 %					
Connection Event	Meas.											
Avg.	9.2544 ms											
Min	0.9566 ms											
Max	37.5 ms											

SD+SDK, Conn. Int. 50ms, 1 Peripheral, Int.

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	2610	2690	3170	3770	4720	5660	5120	5160	5400	5740	6070	5860 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	6.48	6.68	6.68	6.61 μs								
Min	6.31	6.19	6.19	6.23 μs								
Max	6.81	49.13	49.13	35.02 μs								
Connection Interval	Meas.	Settings		Error Abs		Error Rel						
Avg.	50.0025 ms		50 ms		0.0025 ms		0.0050 %					
Min	50.0001 ms		50 ms		0.0001 ms		0.0002 %					
Max	50.0039 ms		50 ms		0.0039 ms		0.0078 %					
Connection Event	Meas.											
Avg.	2.0808 ms											
Min	1.9681 ms											
Max	2.1029 ms											

Zephyr, Conn. Int. 400ms, 1 Peripheral, Int.

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 2	1400	1400	1870	2450	3270	4110	3780	4350	4510	4540	4520	5240 μA
serie 1	1370	1460	1860	2420	3220	4020	3750	4340	3880	4290	4480	5150 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	7.06	7.83	6.82	7.23 μs								
Min	7.00	6.63	6.31	6.65 μs								
Max	7.13	27.25	8.31	14.23 μs								
Connection Interval	Meas.	Settings		Error Abs		Error Rel						
Avg.	400.0201 ms		400 ms		0.0201 ms		0.0050 %					
Min	400.0194 ms		400 ms		0.0194 ms		0.0048 %					
Max	400.0205 ms		400 ms		0.0205 ms		0.0051 %					
Connection Event	Meas.											
Avg.	21.4574 ms											
Min	18.1215 ms											
Max	24.7618 ms											

SD+SDK, Conn. Int. 400ms, 1 Peripheral, Int.

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	926	1030	1760	2550	3750	4850	4180	4110	4430	4880	5280	4910 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	6.36	6.83	6.39	6.53 μs								
Min	6.31	6.25	6.13	6.23 μs								
Max	6.75	35.94	9.63	17.44 μs								
Connection Interval	Meas.	Settings		Error Abs		Error Rel						
Avg.	400.0202 ms		400 ms		0.0202 ms		0.0050 %					
Min	400.0193 ms		400 ms		0.0193 ms		0.0048 %					
Max	400.0210 ms		400 ms		0.0210 ms		0.0052 %					
Connection Event	Meas.											
Avg.	2.0802 ms											
Min	2.0699 ms											
Max	2.0869 ms											

Zephyr, Conn. Int. 50ms, 4 Peripherals, Int.

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 2	4020	4130	4560	4970	5440	6020	5840	6230	6060	6290	6460	6920 μA
serie 1	4430	4470	4830	5240	5800	6370	6210	6580	6480	6690	6810	7260 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	8.42	7.04	9.92	8.46 μs								
Min	6.81	5.63	9.77	7.40 μs								
Max	34.88	9.88	10.06	18.27 μs								
Connection Interval	Meas.	Settings		Error Abs		Error Rel						
Avg.	50.0025 ms		50 ms		0.0025 ms		0.0050 %					
Min	50.0014 ms		50 ms		0.0014 ms		0.0029 %					
Max	50.0038 ms		50 ms		0.0037 ms		0.0075 %					
Connection Event	Meas.											
Avg.	21.5094 ms											
Min	15.2653 ms											
Max	28.4978 ms											

SD+SDK, Conn. Int. 50ms, 4 Peripherals, Int.

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	5410	5500	5980	6500	7210	7890	7660	7700	7910	8150	8320	8230 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	7.82	7.35	6.38	7.18 μs								
Min	6.38	6.25	5.69	6.10 μs								
Max	17.06	38.50	9.44	21.67 μs								
Connection Interval	Meas.	Settings		Error Abs		Error Rel						
Avg.	50.0026 ms		50 ms		0.0025 ms		0.0051 %					
Min	50.0011 ms		50 ms		0.0011 ms		0.0021 %					
Max	50.0041 ms		50 ms		0.0041 ms		0.0081 %					
Connection Event	Meas.											
Avg.	13.3368 ms											
Min	13.3204 ms											
Max	13.3538 ms											

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 μA
serie 1	1840	1980	2270	2770	3500	4180	3890	4440	4100	4480	4600	5260 μA
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, 4 Peripherals, Int.

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 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	9.70	7.30	6.41	7.80 μs								
Min	6.38	6.25	6.25	6.29 μs								
Max	5.00	42.50	11.63	19.71 μs								
Connection Interval	Meas.	Settings		Error Abs		Error Rel						
Avg.	400.0201 ms		400 ms		0.0201 ms		0.0050 %					
Min	400.0192 ms		400 ms		0.0192 ms		0.0048 %					
Max	400.0214 ms		400 ms		0.0214 ms		0.0054 %					
Connection Event	Meas.											
Avg.	13.3296 ms											
Min	13.3205 ms											
Max	13.3374 ms											

Zephyr, Conn. Int. 50ms, 8 Peripherals, Int.

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 2	6170	6220	6650	7050	7580	8030	8010	8320	8310	8460	8640	9080 μA
serie 1	5940	5960	6350	6760	7270	7740	7680	8000	7940	8130	8280	8680 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	9.08	7.69	6.61	7.79 μs								
Min	6.56	3.31	6.19	5.35 μs								
Max	61.50	48.69	9.56	39.92 μs								
Connection Interval	Meas.	Settings		Error Abs		Error Rel						
Avg.	50.0025 ms		50 ms		0.0025 ms		0.0051 %					
Min	50.0015 ms		50 ms		0.0015 ms		0.0030 %					
Max	50.0375 ms		50 ms		0.0375 ms		0.0749 %					
Connection Event	Meas.											
Avg.	30.1090 ms											
Min	23.5338 ms											
Max	37.3952 ms											

SD+SDK, Conn. Int. 50ms, 8 Peripherals, Int.

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	6440	6500	6970	7450	8020	8540	8450	8660	8790	8960	9040	9040 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	7.70	8.46	6.44	7.53 μs								
Min	6.31	6.19	5.50	6.00 μs								
Max	22.81	48.94	9.94	27.23 μs								
Connection Interval	Meas.	Settings		Error Abs		Error Rel						
Avg.	50.0025 ms		50 ms		0.0025 ms		0.0051 %					
Min	50.0009 ms		50 ms		0.0009 ms		0.0019 %					
Max	50.0042 ms		50 ms		0.0042 ms		0.0084 %					
Connection Event	Meas.											
Avg.	28.3348 ms											
Min	28.3203 ms											
Max	28.3538 ms											

Zephyr, Conn. Int. 400ms, 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 μA
serie 1	2480	2400	2940	3410	4070	4760	4550	5060	4620	5090	5210	5930 μA
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 μs								
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, Int.

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 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	8.04	8.52	6.43	7.66 μs								
Min	6.31	6.19	5.75	6.08 μs								
Max	37.81	49.75	9.44	32.33 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	400.0217 ms		400 ms		0.0217 ms		0.0054 %					
Connection Event	Meas.											
Avg.	28.3316 ms											
Min	28.3193 ms											
Max	28.3513 ms											