

Power Cons., Peripherals enabled	Serie 1	Serie 2
SD + SDK	940	μA
Zephyr RTOS 500 ticks/s	1150	894 μA
Zephyr RTOS 100 ticks/s	874	775 μA

Power Cons., Drivers on	Serie 1	Serie 2
SD + SDK	1050	μA
Zephyr RTOS 500 ticks/s	1870	945 μA
Zephyr RTOS 100 ticks/s	1640	820 μA

Zephyr, Int.

[illegible]

SD+SDK, Int.

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	195	470,63	1440	2320	3580	4740	3980	4040	4200	4740	5140	4930 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	6.81	6.49	6.49	6.60 μs								
Min	6.75	6.44	6.44	6.54 μs								
Max	6.88	6.75	6.56	6.73 μs								

Zephyr, Int.&Timer

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 2	621	640	1330	2030	2920	3760	3440	4070	3450	4090	4200	4950 μA
serie 1	621	633	1320	1070	3000	3850	3530	4180	3530	4220	4300	5160 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	18.55	18.74	7.61	14.97 μs								
Min	7.18	7.06	7.00	7.08 μs								
Max	18.88	21.94	8.94	16.58 μs								

SD+SDK, Int.&Timer

[illegible]

Zephyr, Int.&Drivers

[illegible]

SD+SDK, Int.&Drivers

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	1210	1260	1850	2770	3760	4750	4300	4870	4930	4840	5260	5380 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	6.46	6.39	6.36	6.41 μs								
Min	6.31	6.25	6.25	6.27 μs								
Max	6.75	10.88	9.31	8.98 μs								

Zephyr, Int.,Timer&Drivers

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 2	1010	1110	1550	2400	3260	4070	3870	4470	4610	4140	5110	5510 μA
serie 1	1470	1550	1970	2680	3440	4230	4100	4640	4900	4430	5290	5680 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	17.03	18.80	8.78	14.87 μs								
Min	7.43	7.44	7.44	7.44 μs								
Max	24.44	32.63	16.56	24.54 μs								

SD+SDK, Int.,Timer&Drivers

Power Consumption	0	1	10	20	30	40	50	60	70	80	90	100 kHz
serie 1	1120	1280	1890	2800	3790	4760	4320	4880	4960	4840	5260	5390 μA
Interrupt Latency	Result 1	Result 2	Result 3	Results								
Avg.	6.53	6.47	6.36	6.45 μs								
Min	6.31	6.25	6.31	6.29 μs								
Max	9.06	24.06	7.75	13.62 μs								