

[-]\[Hz]	III	IV	V	VI
Do	131	262	523	1047
Do#	139	277	554	1109
Re	147	294	587	1175
Re#	156	311	622	1245
Mi	165	330	659	1319
Fa	175	349	698	1397
Fa#	185	370	740	1480
Sol	196	392	784	1568
Sol#	208	415	831	1661
La	220	440	880	1760
La#	233	466	932	1865
Si	247	494	988	1976

F_clock	84000000	[Hz]
Prescaler	23	[-]

TIM_clock	3652173.9	[Hz]
ARR	8400	
Note: $f = \text{TIM_clock} / \text{ARR}$		

T_TIM_clk	2.738E-07	[s]
T_note	0.0023	[s]
duration	1	[s]
count	434.7826	[-]