

EM60000 Tempo setting select table (Fosc=4MHz)								
	ideal			MS0-2	real			
Tempo	beat(ms)	MTC(ms)	divide	precaler	divide	MTC(ms)	Tempo	誤差
40	1500.000	31.250	244.141	256	244	31.2	40.0	0.06%
50	1200.000	25.000	195.313	256	195	25.0	50.1	0.16%
60	1000.000	20.833	162.760	256	163	20.9	59.9	-0.15%
70	857.143	17.857	139.509	256	140	17.9	69.8	-0.35%
80	750.000	15.625	244.141	128	244	15.6	80.0	0.06%
90	666.667	13.889	217.014	128	217	13.9	90.0	0.01%
100	600.000	12.500	195.313	128	195	12.5	100.2	0.16%
110	545.455	11.364	177.557	128	178	11.4	109.7	-0.25%
120	500.000	10.417	162.760	128	163	10.4	119.8	-0.15%
130	461.538	9.615	150.240	128	150	9.6	130.2	0.16%
140	428.571	8.929	139.509	128	140	9.0	139.5	-0.35%
150	400.000	8.333	130.208	128	130	8.3	150.2	0.16%
160	375.000	7.813	244.141	64	244	7.8	160.1	0.06%
170	352.941	7.353	229.779	64	230	7.4	169.8	-0.10%
180	333.333	6.944	217.014	64	217	6.9	180.0	0.01%
190	315.789	6.579	205.592	64	206	6.6	189.6	-0.20%
200	300.000	6.250	195.313	64	195	6.2	200.3	0.16%
210	285.714	5.952	186.012	64	186	6.0	210.0	0.01%
220	272.727	5.682	177.557	64	178	5.7	219.5	-0.25%
230	260.870	5.435	169.837	64	170	5.4	229.8	-0.10%
240	250.000	5.208	162.760	64	163	5.2	239.6	-0.15%
250	240.000	5.000	156.250	64	156	5.0	250.4	0.16%
260	230.769	4.808	150.240	64	150	4.8	260.4	0.16%
270	222.222	4.630	144.676	64	145	4.6	269.4	-0.22%
280	214.286	4.464	139.509	64	140	4.5	279.0	-0.35%
290	206.897	4.310	134.698	64	135	4.3	289.4	-0.22%
300	200.000	4.167	130.208	64	130	4.2	300.5	0.16%
350	171.429	3.571	223.214	32	223	3.6	350.3	0.10%
400	150.000	3.125	195.313	32	195	3.1	400.6	0.16%
450	133.333	2.778	173.611	32	174	2.8	449.0	-0.22%
500	120.000	2.500	156.250	32	156	2.5	500.8	0.16%
550	109.091	2.273	142.045	32	142	2.3	550.2	0.03%
600	100.000	2.083	130.208	32	130	2.1	601.0	0.16%
650	92.308	1.923	120.192	32	120	1.9	651.0	0.16%
700	85.714	1.786	223.214	16	223	1.8	700.7	0.10%
750	80.000	1.667	208.333	16	208	1.7	751.2	0.16%
800	75.000	1.563	195.313	16	195	1.6	801.3	0.16%
850	70.588	1.471	183.824	16	184	1.5	849.2	-0.10%
900	66.667	1.389	173.611	16	174	1.4	898.0	-0.22%
950	63.158	1.316	164.474	16	164	1.3	952.7	0.29%
1000	60.000	1.250	156.250	16	156	1.2	1001.6	0.16%
Tempo =	60/beat =	60/(48*MTC) =	60/48*(1/Fosc * 2 * Precaler* Divide)					