

Benchmark₍₁₎

	PIC 16 @ 10 MHz	ST 72 @ 16 MHz	ProMic 8 @ 10 MHz	ProMic 16 @ 10 MHz	
char	169	57	72		Search of one Byte in an array of 40
bubble	1504	857	174	132	Bubble sort of 10 words of 16 bits
16mul	72	18	41	29	16x16 bits unsigned multiplication
32div	248	222	54	36	division of a 32 bits word by 16 bits
shrigh	13	10	6	4	5 ranks right shift in a 16 bits word
bitsrt	72	62	39		set, reset and test of 3 bits in an array
string	741	282	395		Search a 16-Byte string in an array
blkmov	308	121	17		Search 16-Byte string in 128 characters
convert	512	241	112		Change a 80 byte array format
total	3639	1870	910		
ratio	3.99	2.05	1		

Execution time in microsecond

From AN 1151/0799 of ST

[illegible]