

Benchmark₍₂₎

	PIC 16 @ 20 MHz	ST 72 @ 16 MHz	ProMic 8 @ 25 MHz	ProMic 16 @ 20 MHz	
char	84	57	29		Search of one Byte in an array of 40
bubble	752	857	70	66	Bubble sort of 10 words of 16 bits
16mul	41	18	16.5	14.5	16x16 bits unsigned multiplication
32div	124	222	21.5	18	division of a 32 bits word by 16 bits
shrigh	6	10	2.5	2	5 ranks right shift in a 16 bits word
bitsrt	36	62	16		set, reset and test of 3 bits in an array
string	371	282	158		Search a 16-Byte string in an array
blkmov	154	121	7		Search 16-Byte string in 128 characters
convert	256	241	45		Change a 80 byte array format
total	1824	1870	365.5		
ratio	4.99	5.12	1		

Execution time in microsecond

From AN 1151/0799 of ST

[illegible]