1byte

opcode						ext	

1byte

len			reg (1st oprand)		padding	

0 ~ 128 bit

immediate or register (2nd oprand)

ext (2bit): 2nd oprand			
imm	reg	[imm]	[reg]
00	01	10	11

reg (4bit): 1st oprand					
ip	sp	fp	flag	gr0	gr1
000	001	010	011	100	101

len (3bit): length of 2nd oprand					
0	8	16	32	64	128
000	001	010	011	100	101

push	0
pop	1
add	2

sub	3			
mul	4			
div	5			
and	6			
or	7			
xor	8			
shl	9			
ldr (ld)	10			
ldm (ld)	11			
cmp	12			
jmp	13			
jg	14			
jz	15			
jl	16			
nop	17			

add	{SPACE}	1st oprand	,	2nd oprand
pop	{SPACE}	2nd oprand		