

Tablas de apoyo

cmd	Name
0000	AND Rd, Rn, Src2
0001	EOR Rd, Rn, Src2
0010	SUB Rd, Rn, Src2
0011	RSB Rd, Rn, Src2
0100	ADD Rd, Rn, Src2
0101	ADC Rd, Rn, Src2
0110	SBC Rd, Rn, Src2
0111	RSC Rd, Rn, Src2
1000 ($S = 1$)	TST Rd, Rn, Src2
1001 ($S = 1$)	TEQ Rd, Rn, Src2
1010 ($S = 1$)	CMP Rn, Src2
1011 ($S = 1$)	CMN Rn, Src2
1100	ORR Rd, Rn, Src2
1101	Shifts:
$I = 1$ OR ($\text{instr}_{11:4} = 0$)	MOV Rd, Src2
$I = 0$ AND ($sh = 00$; $\text{instr}_{11:4} \neq 0$)	LSL Rd, Rm, Rs/shamt5
$I = 0$ AND ($sh = 01$)	LSR Rd, Rm, Rs/shamt5
$I = 0$ AND ($sh = 10$)	ASR Rd, Rm, Rs/shamt5
$I = 0$ AND ($sh = 11$; $\text{instr}_{11:7, 4} = 0$)	RRX Rd, Rm, Rs/shamt5
$I = 0$ AND ($sh = 11$; $\text{instr}_{11:7} \neq 0$)	ROR Rd, Rm, Rs/shamt5
1110	BIC Rd, Rn, Src2
1111	MVN Rd, Rn, Src2

Instruction	sh	Operation
LSL	00_2	Logical shift left
LSR	01_2	Logical shift right
ASR	10_2	Arithmetic shift right
ROR	11_2	Rotate right

cond	Mnemonic	Name	CondEx
0000	EQ	Equal	Z
0001	NE	Not equal	\bar{Z}
0010	CS/HS	Carry set / unsigned higher or same	C
0011	CC/LO	Carry clear / unsigned lower	\bar{C}
0100	MI	Minus / negative	N
0101	PL	Plus / positive or zero	\bar{N}
0110	VS	Overflow / overflow set	V
0111	VC	No overflow / overflow clear	\bar{V}
1000	HI	Unsigned higher	$\bar{Z}C$
1001	LS	Unsigned lower or same	$Z \text{ OR } \bar{C}$
1010	GE	Signed greater than or equal	$\bar{N} \oplus \bar{V}$
1011	LT	Signed less than	$N \oplus V$
1100	GT	Signed greater than	$\bar{Z}(N \oplus \bar{V})$
1101	LE	Signed less than or equal	$Z \text{ OR } (N \oplus V)$
1110	AL (or none)	Always / unconditional	Ignored

P	W	Index Mode
0	0	Post-index
0	1	Not supported
1	0	Offset
1	1	Pre-index

L	B	Instruction
0	0	STR
0	1	STRB
1	0	LDR
1	1	LDRB

Bit	\bar{I}	U
0	Immediate offset in Src2	Subtract offset from base
1	Register offset in Src2	Add offset to base