Instructions
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Mode RT
dressing
PΦ

Zachary Bonne	an lexas lecu	Zacnary bonneau lexas lecn University Spring 2024 Rev. 1.0	3 2024 KeV. 1.0											
ć			į	AddressMux 0 = MDB	:	srcM 0 = R[src]		dstM 0 = R[dst]	•	:	ı	:		MO 0 = None
Sic	Dst	CIk Count	RTL	1 = SP-2 2 = Address 3 = R[dst]	Address Latch	1 = PC 2 = dataFwd 3 = MDB	src Latch	1 = Branch 2 = dataFwd 3 = MDB	dst Latch	Indirect	Ä	MR.	WW	1 = IF 2 = Offset 3 = SP
	Rm	1	src <- R[src], dst <- R[dst]		0	0	1	0	1	0	1	0	0	-
			src <- R[src], dst <- R[dst]		0	0	-	0	-	0	-	0	0	-
	PC	ю	palppled											
ſ			palqqnq											
둗			src <- R[src], dst <- R[dst], Adr <- Offset	0	-	0	-	0	-	0	0	-	0	2
	x(Rm)	•	dst <- M[R[dst] + Offset], Adr <- R[dst] + Offset	2	-		0	က	-	0	-	0	-	0
	AFDE FDE	4	None (MDB <- Function Unit)	٠	0		0		0	0	0	0	0	0
]]]		Instruction Fetch		0	•	0		0	0	0	0	0	-
	å	·	src <- M[R[src]]		0	က	-	•	0	-	-	0	0	0
	Ę	7	dst <- R[dst]	•	0		0	0	-	0	0	0	0	-
			src <- M[R[src]]		0	ო	-	•	0	-	-	0	0	0
	Ç	•	dst <- R[dst]		0		0	0	-	0	0	0	0	-
@Rn	۲ ک	4	Bubbled											
(0) (Rn+			Bubbled											
Z #			src <- M[R[src]]		0	က	-	•	0	-	0	0	0	0
	x(Rm)		dst <- R[dst], Adr <- Offset	0	-		0	0	-	0	0	-	0	7
	EDE	5	dst <- M[R[dst] + Offset], Adr <- R[dst] + Offset	2	-		0	ဇ	-	0	-	0	-	0
	&EDE		None (MDB <- Function Unit)		0		0		0	0	0	0	0	0
			Instruction Fetch		0		0		0	0	0	0	0	-
			src <- R[dst], Adr <- Offset	0	-	0	-		0	0	0	-	0	2
	Rm	က	src <- MDB		0	က	-		0	0	0	0	0	0
			dst <- Rm		0		0	0	-	0	-	0	0	-
			src <- R[dst], Adr <- Offset	0	-	0	-		0	0	0	-	0	2
			src <- MDB		0	က	-	•	0	0	0	0	0	0
	PC	2	dst <- Rm		0		0	0	-	0	-	0	0	-
(Rn)			Bubbled											
&EDE			Bubbled											
			src <- R[dst], Adr <- Offset	0	-	0	-		0	0	0	-	0	7
			src <- MDB		0	က	-		0	0	0	0	0	0
	x(Rm)	ď	dst <- R[dst], Adr <- Offset	0	-		0	0	-	0	0	-	0	2
	%TON	Þ	dst <- M[R[dst] + Offset], Adr <- R[dst] + Offset	2	-		0	9	-	0	-	0	-	0
			None (MDB <- Function Unit)	,	0		0		0	0	0	0	0	0
			Instruction Fetch	ı	0		0		0	0	0	0	0	-