

	Tuse			Tnew						Tu
	A1	A2		功能部件	E	M	W			A1
and	1	1		ALU	1	0	0			mult
or	1	1		ALU	1	0	0			multu
xor	1	1		ALU	1	0	0			div
nor	1	1		ALU	1	0	0			divu
add	1	1		ALU	1	0	0			mfhi
addu	1	1		ALU	1	0	0			mflo
sub	1	1		ALU	1	0	0			mthi
subu	1	1		ALU	1	0	0			mtlo
addi	1			ALU	1	0	0			
addiu	1			ALU	1	0	0			
andi	1			ALU	1	0	0			
ori	1			ALU	1	0	0			
xori	1			ALU	1	0	0			
slti	1			ALU	1	0	0			
sltiu	1			ALU	1	0	0			
lw	1			DM	2	1	0			
lb	1			DM	2	1	0			
lbu	1			DM	2	1	0			
lh	1			DM	2	1	0			
lhu	1			DM	2	1	0			
sw	1	2								
sb	1	2								
sh	1	2								
beq	0	0								
bne	0	0								
blez	0									
bgtz	0									
bltz	0									
bgez	0									
lui				ALU	1	0	0			
sll		1		ALU	1	0	0			
srl		1		ALU	1	0	0			
sra		1		ALU	1	0	0			
sllv	1	1		ALU	1	0	0			
srlv	1	1		ALU	1	0	0			
srav	1	1		ALU	1	0	0			
slt	1	1		ALU	1	0	0			
sltu	1	1		ALU	1	0	0			
j										
jal				PC	0	0	0			
jalr	0			PC	0	0	0			
jr	0									
nop										

A1	<div> <div>Tnew</div> <div>Tuse</div> </div>	E			M			W		
		ALU	DM	PC	ALU	DM	PC	ALU	DM	PC
		1	2	0	0	1	0	0	0	0
	0	S	S	F	F	S	F	F	F	F

ise		Tnew			
A2		功能部件	E	M	W
1					
1					
1					
1					
		MDU (产生GPR[rd])	1	0	0
		MDU (产生GPR[rd])	1	0	0