INSTRUCCIONES DE CARGA Y ALMACENAMIENTO										
Instr.	Ejemplo	Significado	Código de operación						Microinstrucciones	
LI	LI Rd, #Slit16	Rd = Slit16	01	Rd	Slit1	Slit16			WR	
LWI	LWI Rd, lit16	Rd = Mem[lit16]	02	Rd	lit16	lit16			SDMD SWD WR	
LW	LW Rd,lit12(Rt)	Rd = Mem[Rt+lit12]	23	Rd	Rt lit12				SWD SEXT SOP2 ALUOP=0011 WR LF	
SWI	SWI Rd, lit16	Mem[lit16] = Rd	03	Rd	lit16				SR2 SDMD WD	
SW	SW Rd, lit12(Rt)	Mem[Rt+lit12] = Rd	04	Rd	Rt lit12				SR2 SEXT SOP2 ALUOP=0011 WD LF	
INSTRUCCIONES ARITMÉTICAS										
ADD	ADD Rd,Rt,Rs	Rd = Rt+Rs	00	Rd	Rt	Rs	S/U	00	SWD WR LF SR ALUOP=0011	
SUB	SUB Rd,Rt,Rs	Rd = Rt-Rs	00	Rd	Rt	Rs	S/U	01	SWD WR SR ALUOP=0111 LF	
ADDI	ADDI Rd,Rt,#Slit12	Rd = Rt+Slit12	05	Rd	Rt	Slit12			SWD WR LF SR ALUOP=0011 SOP2	
SUBI	SUBI Rd,Rt,#Slit12	Rd = Rt-Slit12	06	Rd	Rt	Slit12			SWD WR SR SOP2 ALUOP=0111 LF	
INSTRUCCIONES LÓGICAS										
AND	AND Rd,Rt,R	Rd=Rt&Rs	00	Rd	Rt	Rs	S/U	02	SWD WR SR ALUOP=0000 LF	
OR	OR Rd,Rt,Rs	Rd=Rt   Rs	00	Rd	Rt	Rs	S/U	03	SWD WR SR ALUOP=0001 LF	
XOR	XOR Rd,Rt,Rs	Rd=Rt ^ Rs	00	Rd	Rt	Rs	S/U	04	SWD WR SR ALUOP=0010 LF	
NAND	NAND Rd,Rt,Rs	Rd=~(Rt & Rs)	00	Rd	Rt	Rs	S/U	05	SWD WR SR ALUOP=1101 LF	
NOR	NOR Rd,Rt,Rs	Rd=~(Rt   Rs)	00	Rd	Rt	Rs	S/U	06	SWD WR SR ALUOP=1100 LF	
XNOR	NOR Rd,Rt,Rs	Rd=~(Rt ^ Rs)	00	Rd	Rt	Rs	S/U	07	SWD WR SR ALUOP=0110 LF	
NOT	NOT Rd, Rs	Rd = ~Rs	00	Rd	Rs	Rs	S/U	08	SWD WR SR ALUOP=1101 LF	
ANDI	ANDI Rd,Rt,#lit12	Rd=Rt & lit12	07	Rd	Rt	lit12		•	SEXT SOP2 ALUOP=0000 LF SR SWD WR	
ORI	ORI Rd,Rt,#lit12	Rd=Rt   lit12	80	Rd	Rt	lit12			SEXT SOP2 ALUOP=0001 LF SR SWD WR	

Rd,Rt,#lit12 DI Rd,Rt,#lit12 Rd,Rt,#lit12 RI Rd,Rt,#lit12	Rd=Rt ^ lit12 Rd=~(Rt & lit12) Rd=~(Rt   lit12) Rd=~(Rt ^ lit12)		Rd Rd	Rt Rt	lit12			SEXT SOP2 ALUOP=0010 LF SR SWD WR SEXT SOP2 ALUOP=1101 LF SR SWD WR			
Rd,Rt,#lit12	Rd=~(Rt   lit12)		_	Rt	lit12			SEXT SOP2 ALLIOP-1101 LE SR SWD WR			
, ,	, , ,	11	Rd					OLXI GOI 2 ALGOI = 1101 LI GIX GWD WIX			
RI Rd,Rt,#lit12	Rd=~(Rt ^ lit12)		ita	Rt	lit12			SEXT SOP2 ALUOP=1100 LF SR SWD WR			
-	110-1111	12	Rd	Rt	t lit12			SEXT SOP2 ALUOP=0110 LF SR SWD WR			
INSTRUCCIONES DE CORRIMIENTO											
Rd,Rt,#lit4	Rd=Rt< <lit4< td=""><td>00</td><td>Rd</td><td>Rt</td><td>S/U</td><td>lit4</td><td>09</td><td>SHE DIR WR</td></lit4<>	00	Rd	Rt	S/U	lit4	09	SHE DIR WR			
Rd,Rt,#lit4	Rd=Rt>>lit4	00	Rd	Rt	S/U	lit4	10	SHE WR			
INSTRUCCIONES DE SALTOS CONDICIONALES E INCONDICIONALES											
Rd,Rt,Slit12	If(Rd==Rt) goto Slit12 PC = PC + Slit12	13	Rd	Rt	Slit12			SR2 LF ALUOP=0111 SOP1 SOP2 ALUOP=0011 SR SDMP WPC			
Rd,Rt,Slit12	If(Rd!=Rt) goto Slit12 PC = PC + Slit12	14	Rd	Rt	Slit12			SR2 LF ALUOP=0111 SOP1 SOP2 ALUOP=0011 SR SDMP WPC			
Rd,Rt,Slit12	If(Rd <rt) goto="" slit12<br="">PC = PC + Slit12</rt)>	15	Rd	Rt	Slit12			SR2 LF ALUOP=0111 SOP1 SOP2 ALUOP=0011 SR SDMP WPC			
T Rd,Rt,Slit12	If(Rd<=Rt) goto Slit12 PC = PC + Slit12	16	Rd	Rt	Slit12			SR2 LF ALUOP=0111 SOP1 SOP2 ALUOP=0011 SR SDMP WPC			
Rd,Rt,Slit12	If(Rd>Rt) goto Slit12 PC = PC + Slit12	17	Rd	Rt	Slit12			SR2 LF ALUOP=0111 SOP1 SOP2 ALUOP=0011 SR SDMP WPC			
ΓI Rd,Rt,Slit12	If(Rd>=Rt) goto Slit12 PC = PC + Slit12	18	Rd	Rt	Slit12			SR2 LF ALUOP=0111 SOP1 SOP2 ALUOP=0011 SR SDMP WPC			
6	PC = lit16	19	S/U	lit16				WPC			
INSTRUCCIONES DE MANEJO DE SUBRUTINAS											
. #lit16	PC(n+1) = lit16	20	S/U	lit16				UP WPC			
F	Rd,Rt,#lit4 Rd,Rt,Slit12 Rd,Rt,Slit12 Rd,Rt,Slit12 I Rd,Rt,Slit12 Rd,Rt,Slit12 Rd,Rt,Slit12	Rd,Rt,#lit4   Rd=Rt< lit4   Rd,Rt,#lit4   Rd=Rt> lit4   Rd,Rt,Slit12   If(Rd=Rt) goto Slit12   PC = PC + Slit12   Rd,Rt,Slit12   If(Rd <rt) +="" goto="" if(rd="" if(rd<rt)="" pc="PC" slit12=""  ="">Rt) goto Slit12   PC = PC + Slit12   If(Rd&gt;Rt) goto Slit12   PC = PC + Slit12   If(Rd&gt;Rt) goto Slit12   PC = PC + Slit12   If(Rd&gt;Rt) goto Slit12   PC = PC + Slit12   PC = Iit16   INSTRUCC</rt)>	Rd,Rt,#lit4 Rd=Rt< <li>Rd,Rt,#lit4 Rd=Rt&gt;&gt;lit4 00  INSTRUCCIONES DE SAL  Rd,Rt,Slit12 If(Rd==Rt) goto Slit12 PC = PC + Slit12  Rd,Rt,Slit12 If(Rd!=Rt) goto Slit12 PC = PC + Slit12  Rd,Rt,Slit12 If(Rd<rt) +="" goto="" i="" if(rd="" if(rd<="Rt)" if(rd<rt)="" pc="PC" rd,rt,slit12="" slit12="">Rt) goto Slit12 PC = PC + Slit12  Rd,Rt,Slit12 If(Rd&gt;Rt) goto Slit12 PC = PC + Slit12  I Rd,Rt,Slit12 If(Rd&gt;=Rt) goto Slit12 PC = PC + Slit12  I Rd,Rt,Slit12 If(Rd&gt;=Rt) goto Slit12 PC = PC + Slit12  I Rd,Rt,Slit12 If(Rd&gt;=Rt) goto Slit12 PC = PC + Slit12  I Rd,Rt,Slit12 If(Rd&gt;=Rt) goto Slit12 PC = PC + Slit12  I Rd,Rt,Slit12 If(Rd&gt;=Rt) goto Slit12 PC = PC + Slit12  I Rd,Rt,Slit12 If(Rd&gt;=Rt) goto Slit12 PC = PC + Slit12</rt)></li>	Rd,Rt,#lit4 Rd=Rt< <li>Rd=Rt&lt;<li>Rd,Rt,#lit4 Rd=Rt&gt;&gt;lit4 00 Rd  INSTRUCCIONES DE SALTOS (INSTRUCCIONES DE SALTOS (INSTRUCCIONES DE SALTOS (INSTRUCCIONES DE SALTOS (INSTRUCCIONES DE SALTOS (Institute in Instrucciones DE SALTOS (Institute in Instrucciones DE SALTOS (Instrucciones DE SALTOS (Institute in Instrucciones DE SALTOS (Instrucciones DE S</li></li>	Id,Rt,#lit4Rd=Rt< <li>Rd,Rt,#lit4Rd=Rt00RdRtRd,Rt,#lit4Rd=Rt&gt;&gt;lit400RdRtINSTRUCCIONES DE SALTOS CONDRd,Rt,Slit12If(Rd==Rt) goto Slit12 PC = PC + Slit1213RdRtRd,Rt,Slit12If(Rd!=Rt) goto Slit12 PC = PC + Slit1214RdRtRd,Rt,Slit12If(Rd<rt) goto="" slit12<br=""></rt)>PC = PC + Slit1215RdRtI Rd,Rt,Slit12If(Rd&lt;=Rt) goto Slit12 PC = PC + Slit1216RdRtRd,Rt,Slit12If(Rd&gt;Rt) goto Slit12 PC = PC + Slit1217RdRtI Rd,Rt,Slit12If(Rd&gt;=Rt) goto Slit12 PC = PC + Slit1218RdRtI Rd,Rt,Slit12If(Rd&gt;=Rt) goto Slit12 PC = PC + Slit1218RdRtI Rd,Rt,Slit12If(Rd&gt;=Rt) goto Slit12 PC = PC + Slit1219S/Ulit16INSTRUCCIONES DE MAN</li>	Rd,Rt,#lit4   Rd=Rt< <li>Rd,Rt,#lit4   Rd=Rt&gt;&gt;lit4   O0   Rd   Rt   S/U    </li>	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Rd,Rt,#lit4   Rd=Rt<< iit4   00   Rd   Rt   S/U   lit4   09   Rd,Rt,#lit4   Rd=Rt>>lit4   00   Rd   Rt   S/U   lit4   10			

RET	RET	PC = PC(n-1)	21	S/U	S/U	S/U	S/U	S/U	DW
OTRAS INSTRUCCIONES									
NOP	NOP		22	S/U	S/U	S/U	S/U	S/U	