			ALU1	ALU0	TCE	TFUN1	TFUN0	TSEL1	TSEL0	MSEL	NCE	NPUSH	PCE	PLOAD	PSEL	RPUSH	RCE	RSEL	ALOAD	ACE	D_OE	
mnemonic	**CLASS**																					**mnemonic**
JMP	**0**	**TRANSFER**											X	X								JMP
RET													X	X	X		X					RET
JZ													ZERO	ZERO								JZ
JNC													CARRY	CARRY								JNC
CALL													X	X		X	X					CALL
LDP	**1**	**MEMORY ACCESS**			X		X	X	X	X	X	X								X		LDP
LIT					X		X	X	X		X	X	X									LIT
LD					X		X	X	X	X	X	X										LD
STP					X		X			X	X									X	X	STP
ST					X		X			X	X										X	ST
COM	**2**	**ALU**			X																	COM
SHL					X	X																SHL
SHR					X	X	X															SHR
ADDC			X	X	T0=1																	ADDC
XOR				X	X						X											XOR
AND			X		X						X											AND
ADD			X	X	X						X											ADD
POP	**3**	**REGISTER**			X		X	X			X	X					X					POP
LDA					X		X		X		X	X										LDA
DUP							X				X	X										DUP
PUSH					X		X				X					X	X	X				PUSH
STA					X		X				X								X	X		STA
NOP							X															NOP
DROP					X		X				X											DROP
			0	0	NOT T			0	0	N[ ]			SLOT0									
			0	1	N XOR T			0	1	A[ ]												
			1	0	N AND T			1	0	R[ ]												
			1	1	N + T			1	1	M[ ]												
					ALU	0	0															
					Tmux	0	1															
					SHL	1	0															
					SHR	1	1															