St	tate Tran	sitition Table (showy
Current State	Next State	Condition (Balasubnamanian Kanthikeya
5,	S ₂	don't care
52	53	(opcode=0001 + opcode=0010). (open=00) + (open=01).7 + (open=10)°C)
52	Semb	opcede = 1100 + opcode = 1101
52	54	opcode = 8011
S ₂	S ₁₅	opcode = 1000
52	520	opcode = 1011
52	S _S	(opcode=0010). (oper=11)
Sz	S17.	(opcode = 1001)+ (opcode = 1010)
Sz	Sto Mar	else
- S ₃	\$4.55	(oncode=0001) + (oncode=0010) +(oncode=0000)
53	57	oncode = 0111
53	517	opcode = 0101
54	5,	don't care
Ss	54	don't care
	Sio	oprode = 1100
56	5,2	apade = 1101
Sc	54	oncode = 0011

	Custrent Nent State State		Condition
	57 516		don't core
	58	5,	don't core
	Sq	Si	don't core
	Sio	Sic	don't care
_	Su	Sı	Tz = "00 0"
	511	512	else
	S ₁₂	5,3	don't one
	513	514	don't are
•	514		T2 = "00 0" 16 6HS
	514	SIZ	else
	515	516	don't care
	516	5,	don't care
	517	518	opcode = 1001
	517	Sm	oprode = 1010
	518	5,	don't care
W.	5 ₁₇	5,	don't core