

State Transition Table

Reserved	Initial State		Five Input States					New State		Outputs			Index
	Q1	Q0	Pump	Pressure	Fwd Flow	Panic	Control	Q1 <sub>+</sub>	Q0 <sub>+</sub>	L	Vp	Vff	
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	1	1	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	1	0	0	0	0	0	0
0	0	0	0	0	1	1	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	1	0	0	0	0	0
0	0	0	0	1	1	0	1	0	0	0	0	0	0
0	0	0	0	1	1	1	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	0	0	0	0	0
0	0	0	1	0	0	1	0	0	0	0	0	0	0
0	0	0	1	0	1	1	1	0	0	0	0	0	0
0	0	0	1	1	0	0	0	1	0	0	1	0	0
0	0	0	1	1	0	1	0	0	0	1	0	0	0
0	0	0	1	1	1	1	1	0	0	1	0	0	0
0	0	0	1	0	1	0	0	1	1	0	1	0	0
0	0	0	1	0	1	1	1	0	1	0	1	0	0
0	0	0	1	1	1	1	1	0	1	1	0	0	0
0	0	0	1	1	1	1	1	0	1	1	0	0	0
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0	0	1	0	0	0	0	0	1	0	0	0	0	0
0	0	1	0	0	0	1	1	0	0	0	0	0	0
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0	0	1	0	0	1	1	0	0	0	0	0	0	0
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0	0	1	0	1	0	1	0	0	0	0	0	0	0
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0	0	1	0	1	1	1	1	0	0	0	0	0	0

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0	0	1	1	0	0	0	1	0	1	1	0	0	49	
0	0	1	1	0	0	1	0	0	1	1	0	0	50	
0	0	1	1	0	0	1	1	0	1	1	0	0	51	
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0	0	1	1	0	1	0	1	0	1	1	0	0	53	
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0	0	1	1	1	0	0	1	0	1	1	0	0	57	
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0	0	1	1	1	0	1	1	1	0	1	0	0	59	
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0	1	0	0	0	1	0	0	0	0	0	0	0	68	
0	1	0	0	0	1	0	1	1	0	0	0	0	69	
0	1	0	0	0	1	1	1	0	0	0	0	0	70	
0	1	0	0	0	1	1	1	1	0	0	0	0	71	
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0	1	0	0	1	0	1	0	0	0	0	0	0	74	
0	1	0	0	1	0	1	1	1	0	0	0	0	75	
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0	1	1	1	0	0	0	0	0	0	0	0	0	112
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0	1	1	1	0	0	1	0	0	0	0	0	0	114
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0	1	1	1	1	1	1	1	0	0	1	0	0	126
0	1	1	1	1	1	1	1	1	0	1	0	0	127