

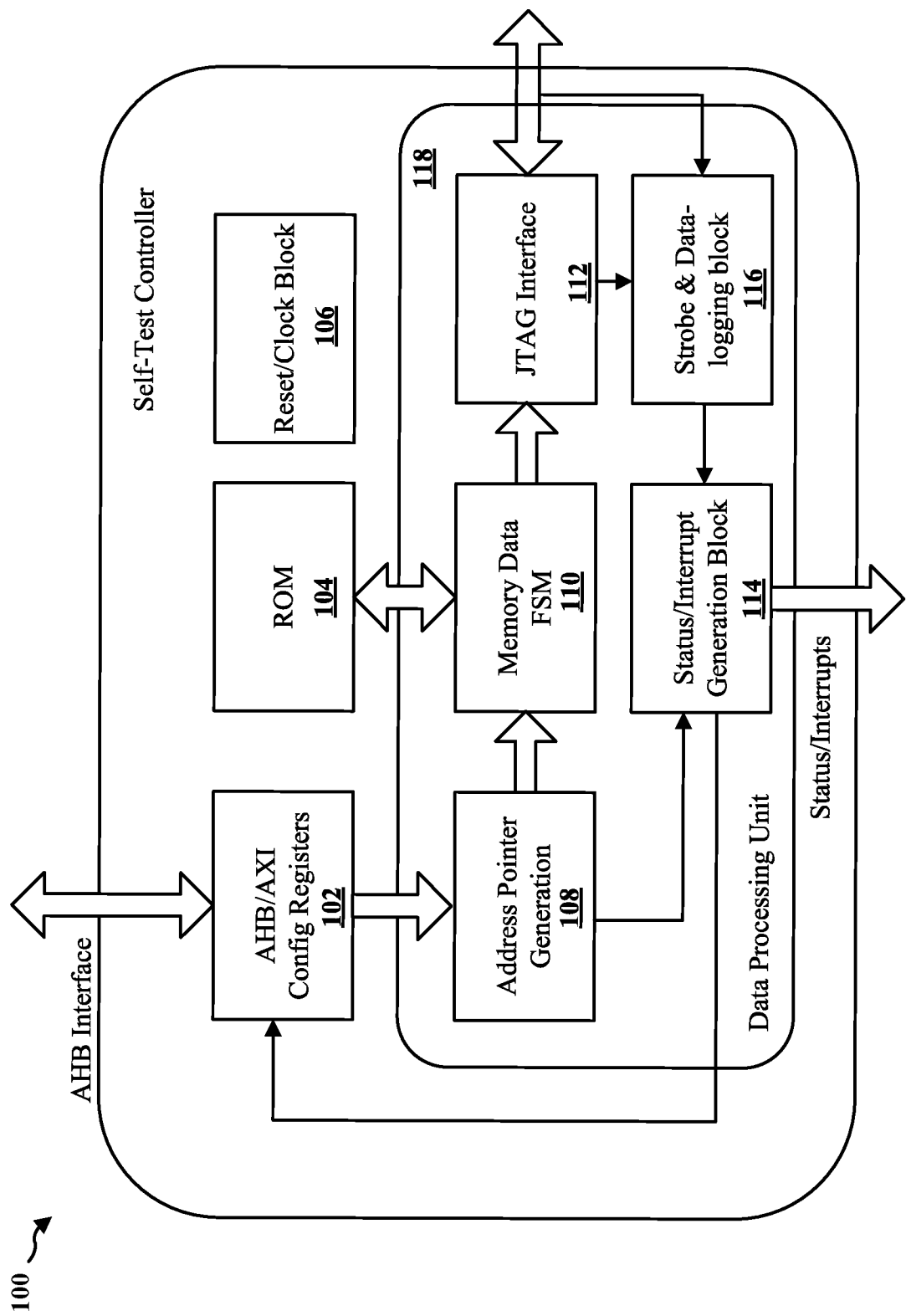


FIG. 1

200 ↗

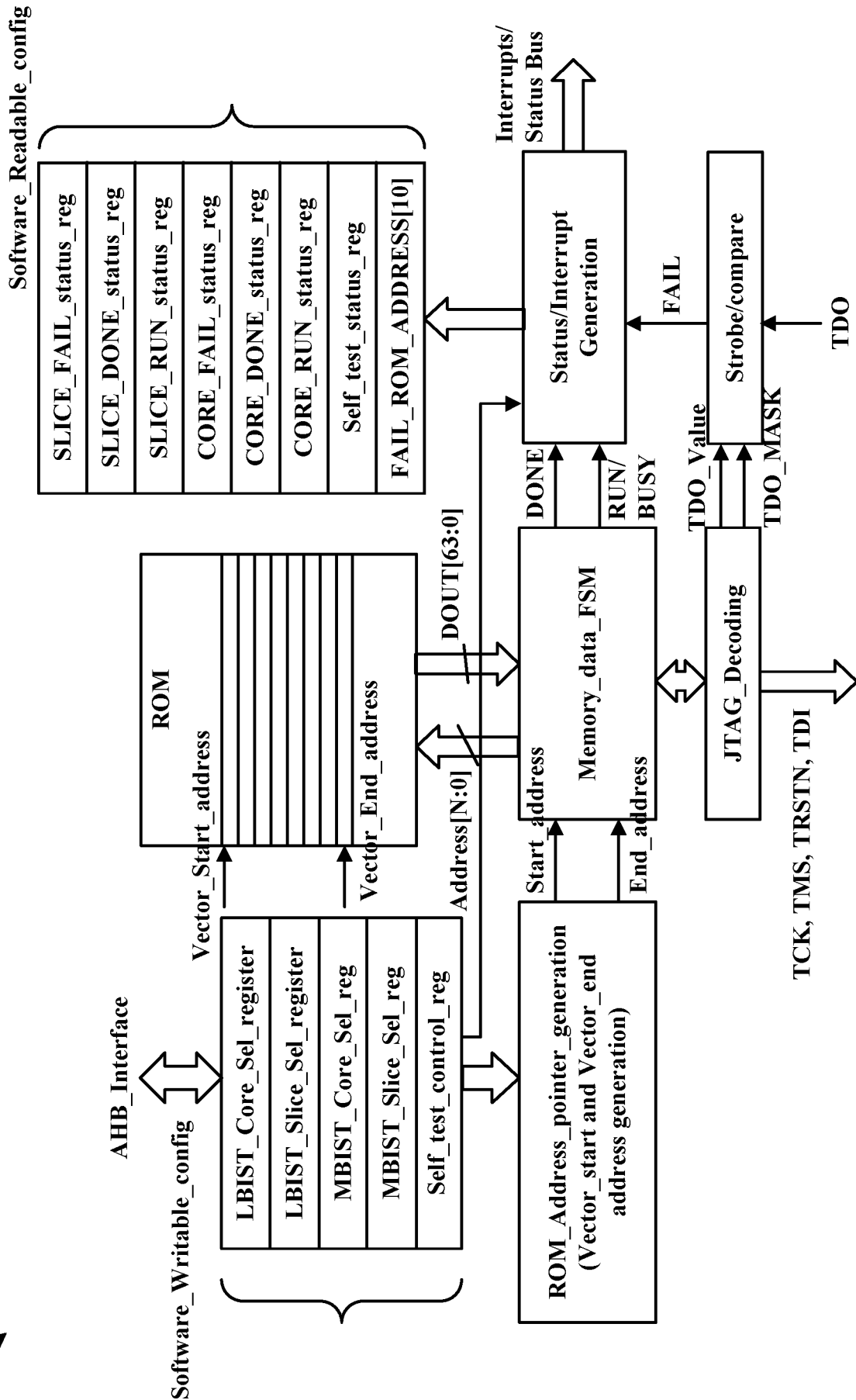


FIG. 2

300 ↗

Valid	Op. Code		Future Use	TDL VALUE	TMS VALUE	TRSTN VALUE	TCK_EN VALUE	TDO MASK	TDO CMP VALUE	TDL VALUE	TMS VALUE	TRSTN VALUE	TCK_EN VALUE	TDO MASK	TDO CMP VALUE
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
				Repeat [5:0]						Repeat [11:6]					

FIG. 3

400 ↗

Valid	Op. Code	Future Use	Future Use	Repeat Opcode [0:5]	TDI_ VALUE	TMS_ VALUE	TRSTN_ VALUE	TCK_EN_ VALUE	TDO_ MASK	TDO_CMP_ VALUE
0	1	2	3	[4:9]	10	11	12	13	14	15

FIG. 4

500 

Valid	Data_Type			Full Length	Valid Data Length				Data
0	1	2	3	4	5	6	7	8	[63:9]

OPCODE Mapping	
000	No Data
001	TDI
010	TMS
011	TRSTN
100	TCK_EN
101	TDO_MASK
110	TDO_COMP

FIG. 5

600 ↗

Valid	Data_Type			Data_Type			Data_Type
0	1	2	3	4	5	6	7
							[63:8]

OPCODE Mapping	
000	NOP
001	Load IR (TDO data)
010	Load DR (TDI Data)
011	Load_DR_APPEND (TDI Data)
100	Capture_DR (TDO_MASK_DATA)
101	Capture_DR (TDO_COMP_DATA)

FIG. 6

700

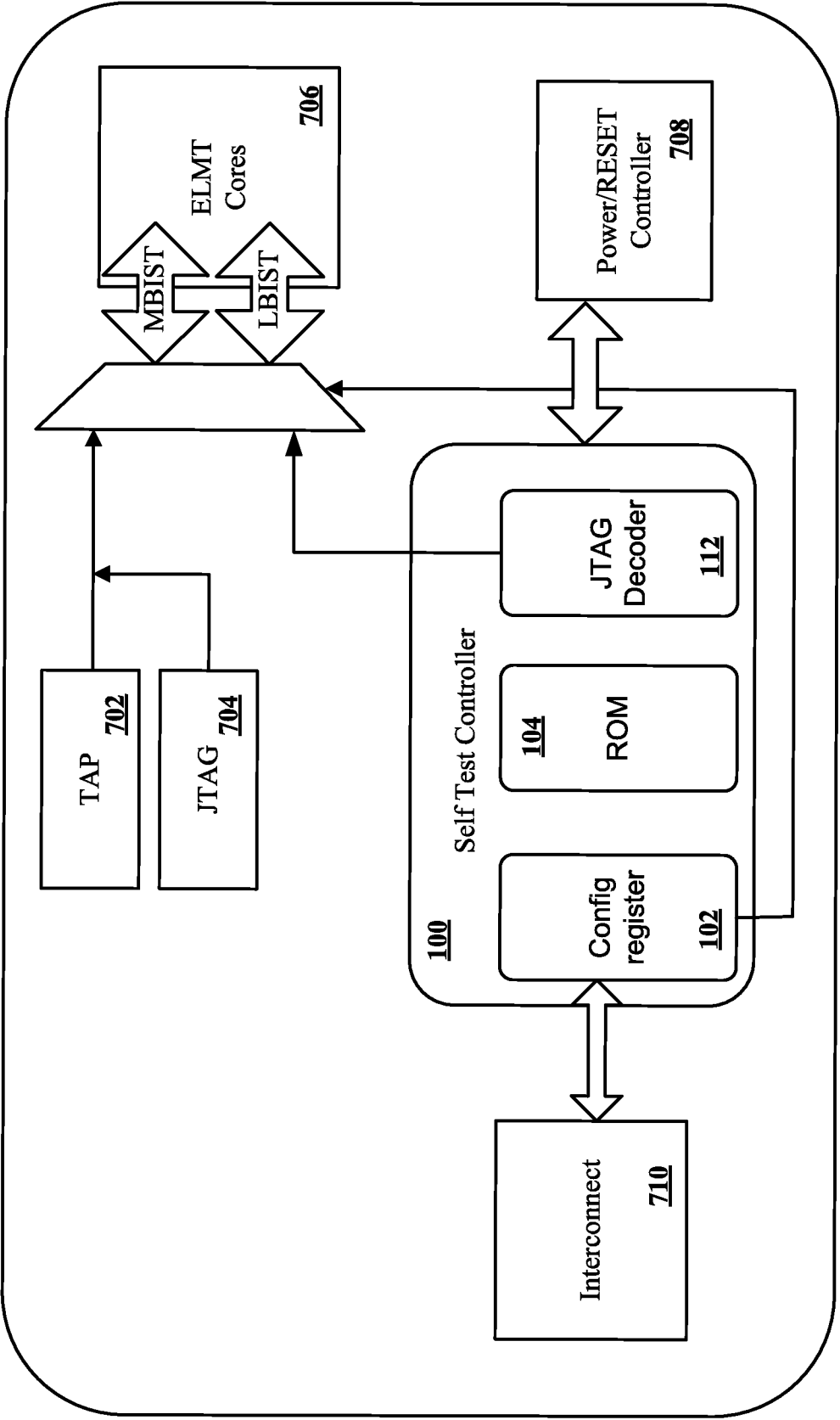


FIG. 7

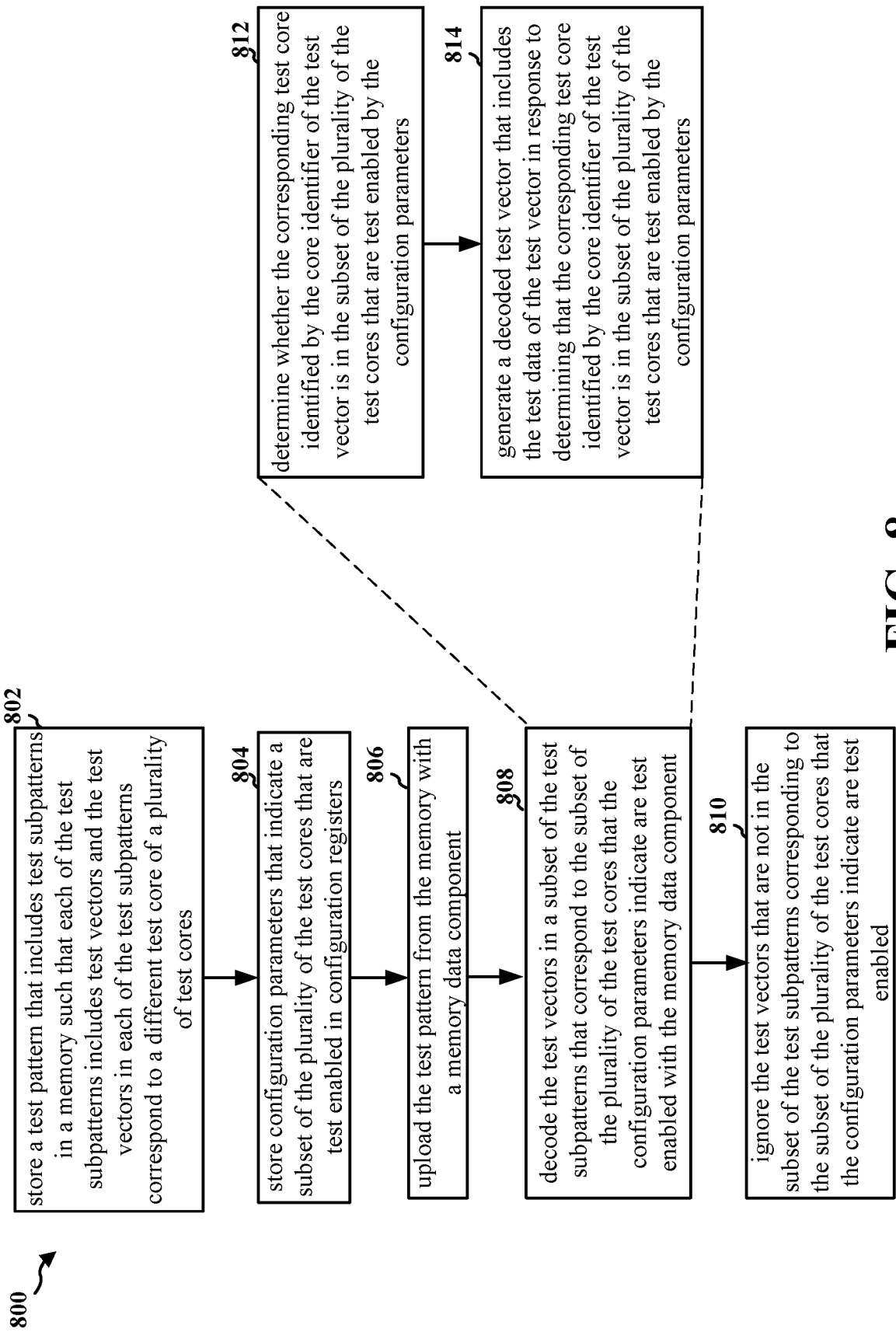


FIG. 8

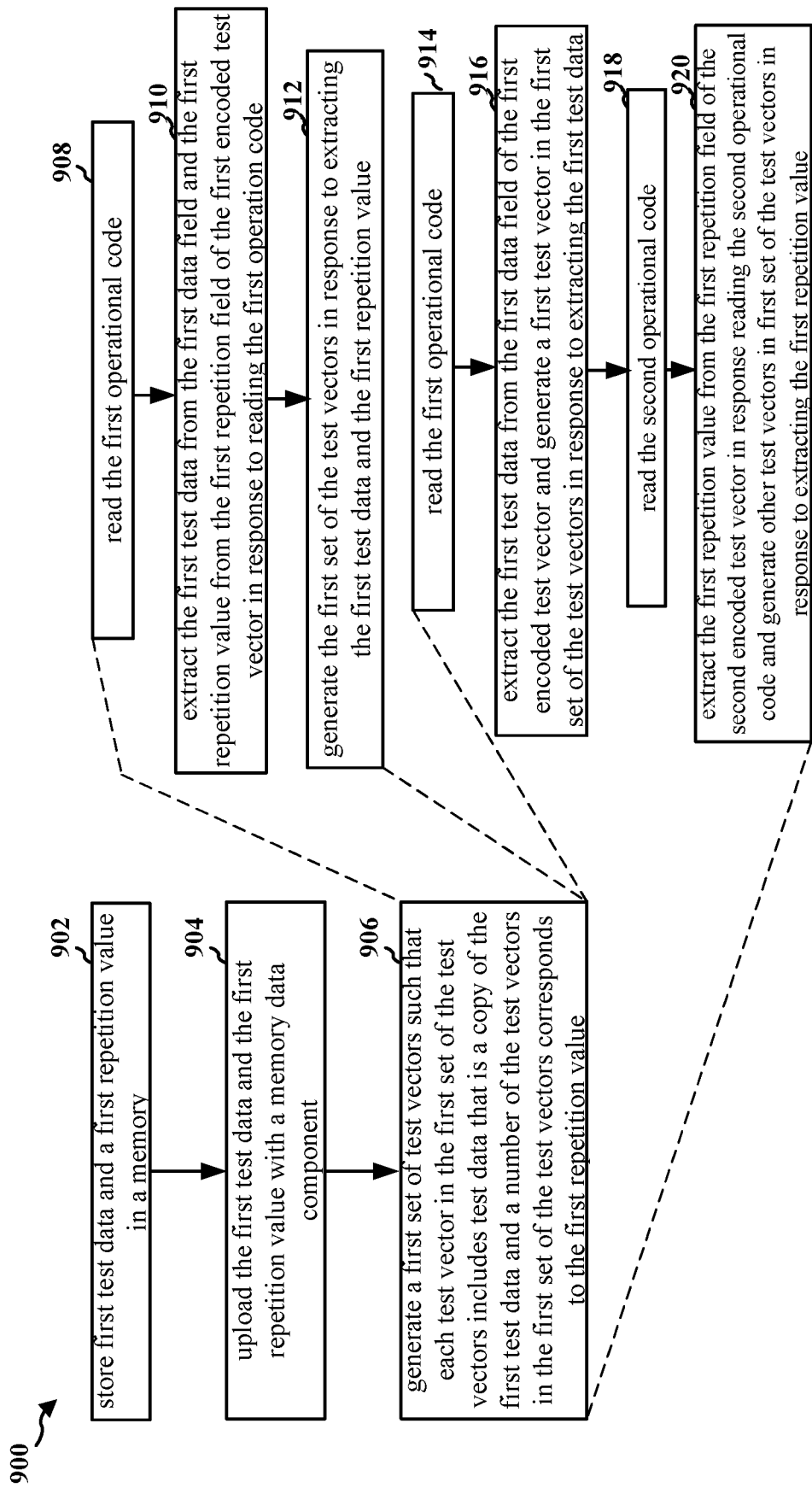


FIG. 9