

# BUTTON STATE FSM

STATE		CONDITION	
STATE	NEXT	MOVE	DIR
IDLE	DOWN	DFP	X
		DBK	X
		BOFP	RIGHT
		BOFP	LEFT
		FOFP	RIGHT
DOWN	DOWN-LEFT	FOFP	LEFT
		DBK	LEFT
		DBK	RIGHT
		OTHERWISE	LEFT
		BOFP	LEFT
DOWN-LEFT	RIGHT	OTHERWISE	RIGHT
		BOFP	RIGHT
		OTHERWISE	RIGHT
		BOFP	RIGHT
		OTHERWISE	RIGHT
RIGHT	Y-RIGHT	FOFP	X
		BOFP	RIGHT
		BOFP	RIGHT
		BOFP	RIGHT
		OTHERWISE	RIGHT
DOWN-LEFT	DOWN-LEFT	BOFP	LEFT
		BOFP	LEFT
		BOFP	LEFT
		BOFP	LEFT
		OTHERWISE	LEFT
LEFT	Y-LEFT	FOFP	X
		BOFP	RIGHT
		BOFP	RIGHT
		BOFP	RIGHT
		OTHERWISE	RIGHT
RIGHT-S	A-LEFT	OTHERWISE	X
		OTHERWISE	X
		OTHERWISE	X
		OTHERWISE	X
		OTHERWISE	X
COMPLETE	IDLE	OTHERWISE	X
		OTHERWISE	X
		OTHERWISE	X
		OTHERWISE	X
		OTHERWISE	X

