Dip Switch Config for Mr. Roboto

Test Modes										
Function	1	2	3	4	5	6	7	8	9	10
Do nothing	1	0	0	0	0	0	0	0	0	0
Run Motor Tests	1	1	X	X	X	X	X	X	X	X
Run 7-segment Tests	1	0	1	X	X	X	X	X	X	X
Run IR Tests	1	0	0	1	X	X	X	X	X	X
Run Reflectivity Sensor Tests	1	0	0	0	1	X	X	X	X	X
Run Camera Tests	1	0	0	0	0	1	X	X	X	X
Run Gyro Tests	1	0	0	0	0	0	1	X	X	X
Run EM Detector Tests	1	0	0	0	0	0	0	1	X	X

Special Autonomous Modes										
Function	1	2	3	4	5	6	7	8	9	10
Roomba Mode	0	1	1	X	X	X	X	X	X	X
Line Following - straight tendency	0	1	0	1	X	X	X	X	X	X
Line Following - left tendency	0	1	0	0	1	X	X	X	X	X
Line Following - right tendency	0	1	0	0	0	1	X	X	X	X
Room Search - Door begin	0	1	0	0	0	0	1	X	X	X
Hazard Detection - Door Begin	0	1	0	0	0	0	0	1	X	X
Victim Status Identification	0	1	0	0	0	0	0	0	1	X

Autonomous Operation										
Function	1	2	3	4	5	6	7	8	9	10
Autonomous Operation (AO)	0	0	1	X	X	X	X	X	X	X
Cut Max speed by half	0	0	1	1	X	X	X	X	X	X
Use AAOE for Line following	0	0	1	X	1	X	X	X	X	X
Use EM Field Sensor	0	0	1	X	X	1	X	X	X	X
Use LCD display	0	0	1	X	X	X	1	X	X	X

Glossary	
AAOE	Accumlating Average with Outlier Elimination

Legend

1	Closed
0	Open
X	Don't Care