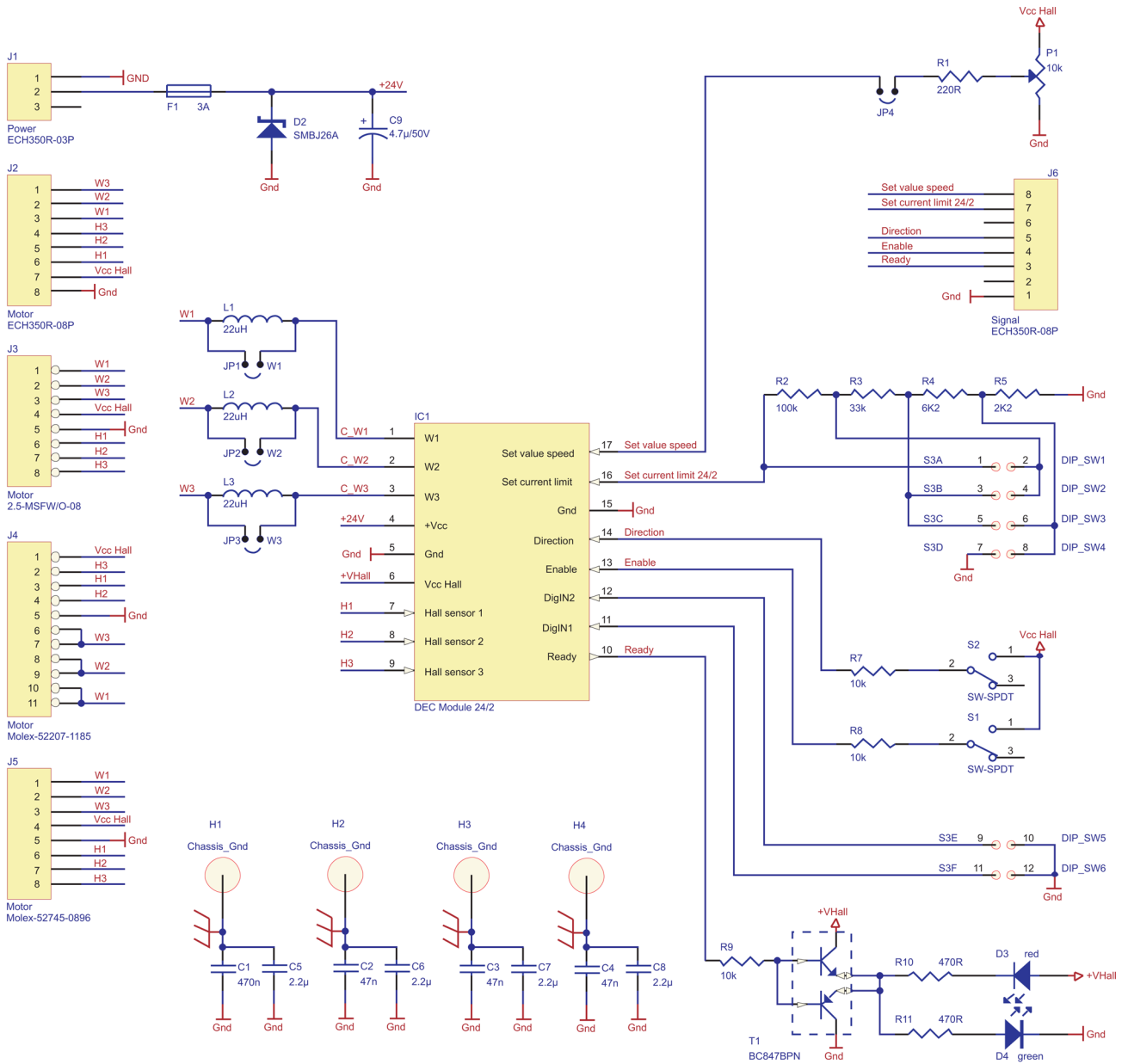


## Evaluation Board Schematic MDC010-024031

SCHEMATIC



Set current limit 24/2 (examples)

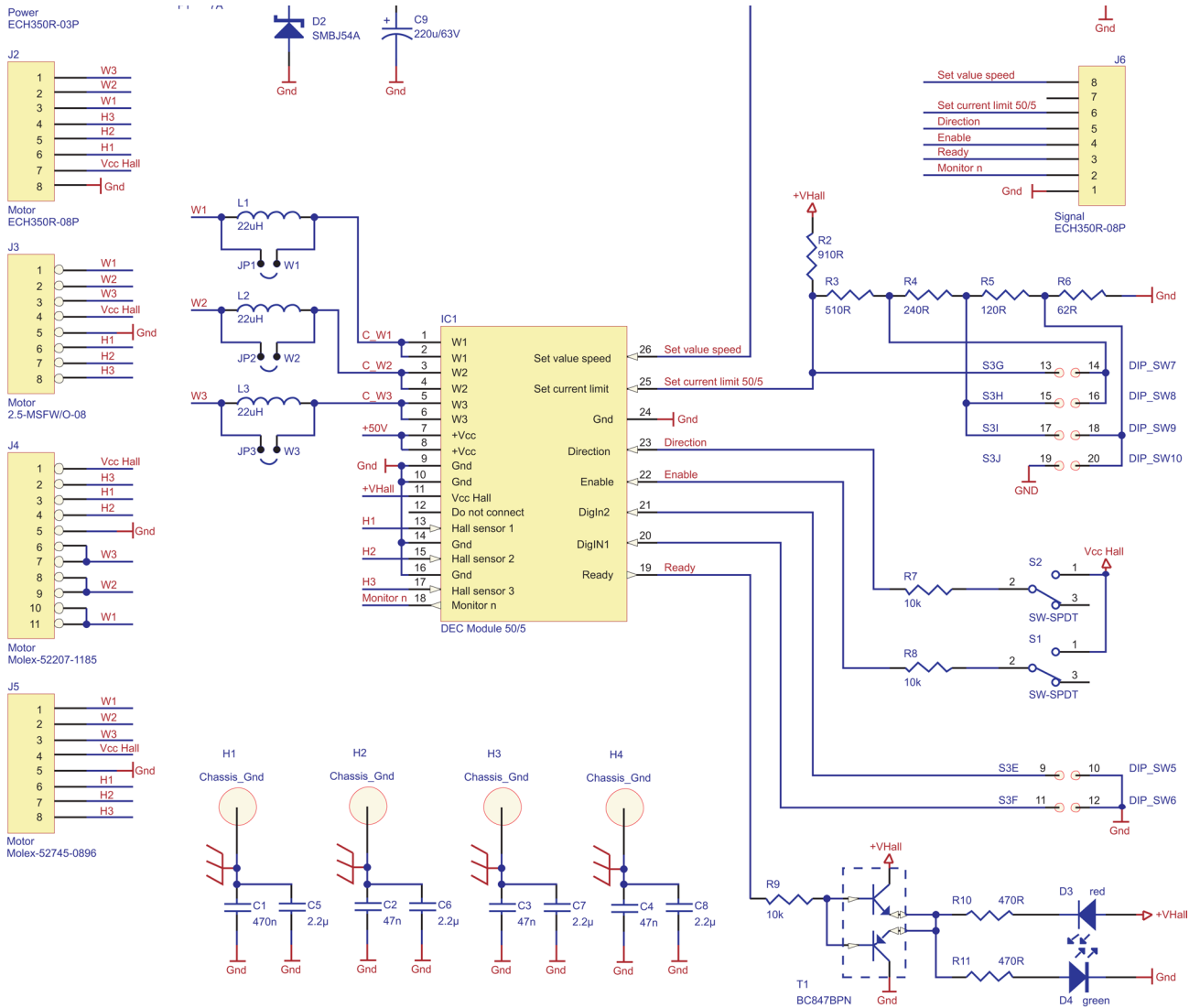
	DIP-SW 1	DIP-SW 2	DIP-SW 3	DIP-SW 4
0.5A	ON	ON	ON	ON
1A	ON	ON	ON	OFF
1.5A	ON	OFF	OFF	ON
2A	ON	ON	OFF	OFF
2.5A	ON	OFF	ON	ON
3A	OFF	OFF	OFF	OFF

DIP-SW 5	DIP-SW 6	Speedrange	1 pole pairs	4 pole pairs	8 pole pairs
ON	ON	Open loop speed control, 0...100% PWM			
ON	OFF	500...5'000 rpm	125...1'250 rpm	62...625 rpm	
OFF	ON	500...20'000 rpm	125...5'000 rpm	62...2'500 rpm	
OFF	OFF	500...80'000 rpm	125...20'000 rpm	62...10'000 rpm	

L010849

## Evaluation Board Schematic MDC010-050101

SCHEMATIC

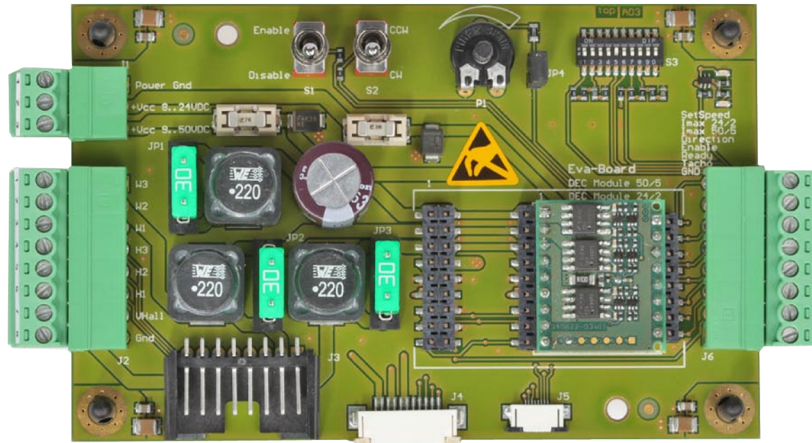


Set current limit 50/5 (examples)

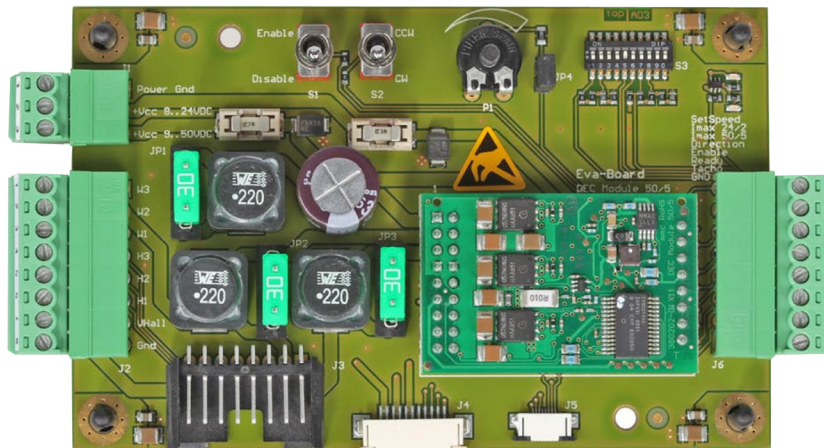
	DIP-SW 7	DIP-SW 8	DIP-SW 9	DIP-SW 10
1.3A	ON	ON	ON	OFF
2.3A	ON	ON	OFF	ON
4.2A	ON	OFF	ON	ON
6.3A	ON	OFF	OFF	OFF
7.2A	OFF	ON	ON	ON
10A	OFF	OFF	OFF	OFF

DIP-SW 5 DigIN2	DIP-SW 6 DigIN1	Speedrange		
		1 pole pair	4 pole pairs	8 pole pairs
ON	ON	Open loop speed control, 0...95% PWM		
ON	OFF	500...5'000 rpm	125...1'250 rpm	62...625 rpm
OFF	ON	500...20'000 rpm	125...5'000 rpm	62...2'500 rpm
OFF	OFF	500...80'000 rpm	125...20'000 rpm	62...10'000 rpm

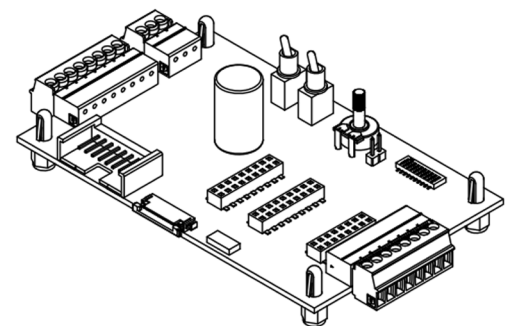
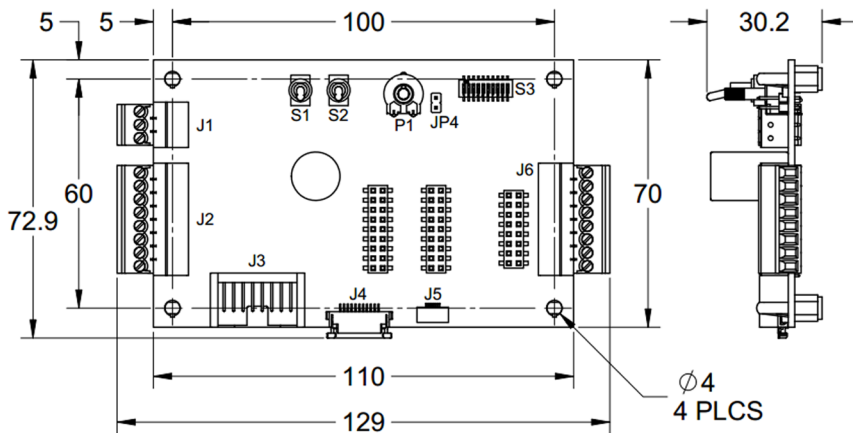
MDC010-EVALBD with MDC010-024031 Mounted



MDC010-EVALBD with MDC010-050101 Mounted



\*MDC010-024031 and MDC010-050101 Purchased Separately



\*Units are in mm