

LABORATORY 10

Please print this sheet prior to coming to laboratory. Complete the pre-laboratory tasks in your lab notebook. Complete the lab tasks in **both** your lab notebook and this submission sheet.

1 Pre-laboratory Verification



2 Laboratory Verification



3 Deliverables

1.	Αt	ttac	ch a	ı pr	int	out	of	the	bl	.dc	_cc	nt	rol	lle	r.	vho	IV	HE	DL	cod	le.								
2.	At	ttac	ch a	ı pr	inte	out	of	the	e bl	ock	di	agr	am																
3.	Assuming that the motor spins at 7,200 RPM when the period of one full rotation is 231.17 μ s, calculate the approximate speed of the motor if the period is 12 ms (six states of 2 ms each). Show your calculations or dimensional analysis.																												
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4.	Н	ow	do	es 1	the	pit	ch	of	the	mo	otor	ch	ang	ge a	as y	ou/	co	nne	ect	mo	re	sig	nal	lea	ds'	? E	xplain	why.	
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5.	5. Can the motor be started from a stopped state with all three signal leads connected? Why why not? Provide a detailed explanation.															Why or													
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