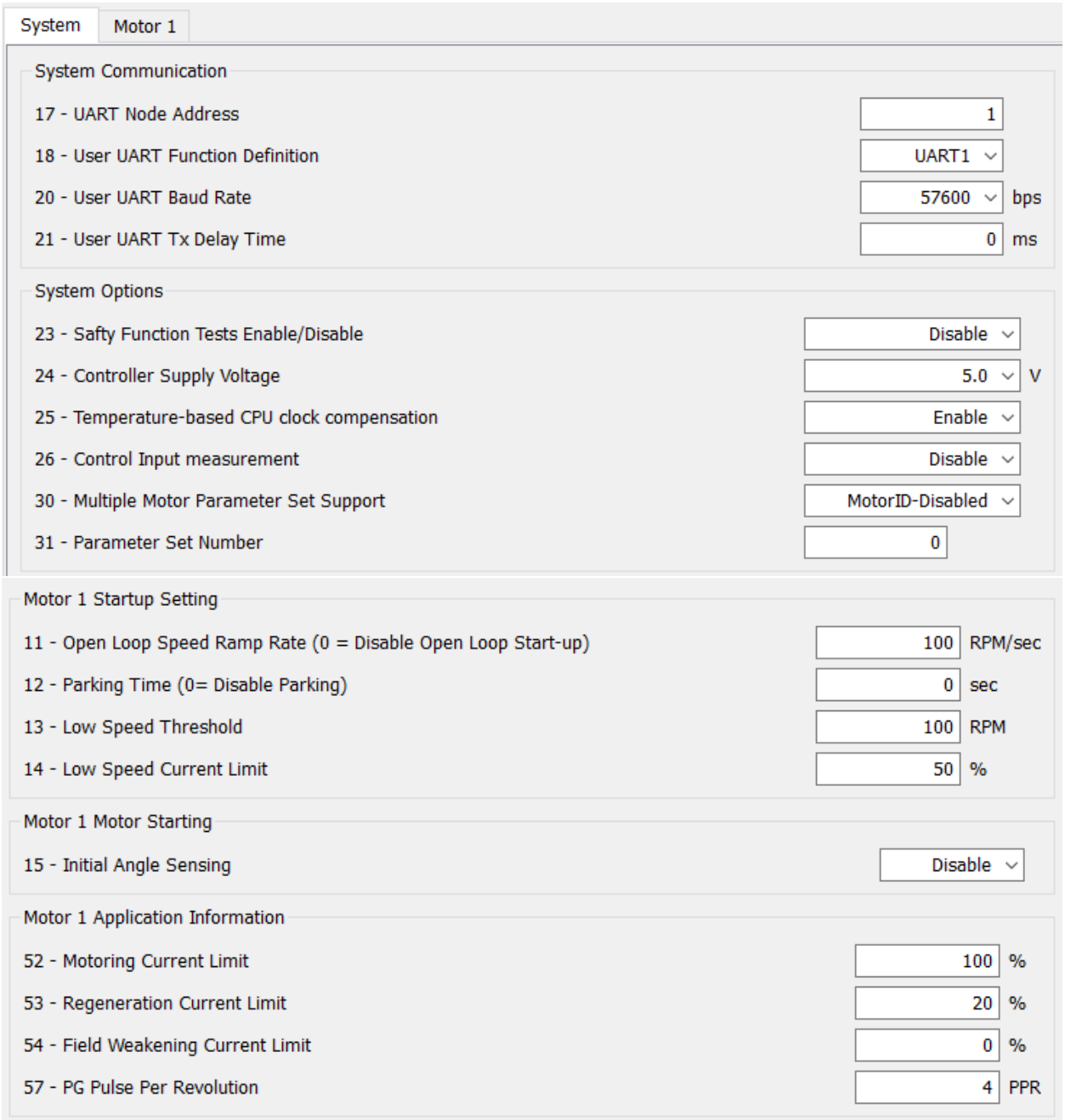
MCE Wizard Settings:



Motor 1 Regulators

58 - Current Regulator Bandwidth	600	rad/sec
59 - Enable DC Bus Compensation	Enable	
60 - Flux Estimator Time Constant	15	msec
61 - Speed Feedback Filter Time Constant	0.2	msec
62 - Speed Regulator Proportional Gain	0.25	
63 - Speed Regulator Integral Gain	1.4	rad/s

Motor 1 Fault Conditions

68 - Enable DC Bus Overvoltage Fault	Enable	
69 - Enable DC Bus Undervoltage Fault	Enable	
70 - Flux PLL Out of Control Fault	Disable	
71 - Enable Over Temperature Fault	Enable	
72 - NTC Over-temperature Voltage Threshold	1.5	V
73 - Rotor lock Protection Fault	10-Sec	
74 - Enable Phase Loss Fault	Disable	

Motor 1 PWM Information

75 - Over Modulation	Enable	
76 - Motor PWM Type	3Phase_Only	
78 - Inverter Dead Time	0.6	µsec
79 - PWM GuardBand	2	µsec

Motor 1 Gate Drive Hardware Setup

82 - Total Bootstrap Cap Charge Time	10	msec

Motor 1 Current Feedback and Sample Timing

83 - Motor 1 Current Input Scaling	46	mV/A
84 - Internal Current Feedback Amplifier Gain	6	
85 - Motor 1 Current Input to ADC Offset Voltage	414.938	mV
86 - Gate Driver Propagation Delay	0.5	µsec

Motor 1 Gatekill Setup

93 - Overcurrent Trip Level for Internal GateKill Comparator	8	A
94 - Gatekill Filter Time Constant	1	µsec

Motor 1 Catch Spin Setup

95 - Catch Spin before Start	Disable	