Sheet1

Header						Sub-Address	Address	Command	Data Length	Data
0	0	0	0	0	FF	0-255	0-255	0-255	0-255	

Data

	Action	Sub-Address	Command	Data Length	Byte:1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Main	NOOP	0	0	0																						
	Start	0	1	0																						
	Pause	0	2	0																						
	Stop	0	3	0																						
	Debug LED	0	5	0																						
	Timing Master	0	6	0																						
	Max Run Time	0	7	4	Max Run Time (mS)																					
	Set Stored Name	0	8	1-15	String (1-15 Characters, Null-terminated, Null padded)																					
	Set Common Line for Step Pulsing	0	9	1	0,1,2																					
	Interval	0	10	4	Interval Time (mS)																					
	Status Request	0	100		<Status Type>	<returns> with header and master address in front (00 00 00 00 00 FF 00 00 01 Length Data)																				
	-Firmware Version	0	100	1	1	Byte																				
	-Run Status	0	100	1	2	Byte																				
	-Run Time	0	100	1	3	Ulong																				
	-Currently Exposing	0	100	1	4	Byte																				
	-Timing Master Value	0	100	1	5	Byte																				
	-Name	0	100	1	6	String (1-15 Characters, Null-terminated, Null padded)																				
Motors	NOOP	1-3	0	0																						
	Motor Enable	1-3	1	1	True/False (1,0)																					
	Direction	1-3	2	1	0, 1																					
	Max Steps Travel	1-3	3	4	Max Steps																					
	Set Home Here	1-3	4	0																						
	Backlash Amount	1-3	5	1	Steps																					
	Continuous Speed	1-3	6	4	Steps/Second (float)																					
	Easing Mode	1-3	7	1	1, 2, 3																					
	Delay Motor Start	1-3	8	4	Delayed Start Time (mS)																					
	Steps each interval	1-3	9	2	Steps																					
	Move Motor Simple	1-3	10	5	Dir (0, 1)	Steps																				
	Move Motor Complex	1-3	11	2	Dir (0, 1)	Steps			31 (pad)	Total Travel Time		31 (pad)	Accel Time mS		31 (pad)	Decel Time mS									
	Plan Travel	1-3	12	2	Dir (0, 1)	Type (0, 1)	31 (pad)	Steps			31 (pad)	Total Travel Time		31 (pad)	Accel Time mS		31 (pad)	Decel Time mS						
	Clear Planned Travel	1-3	13	0																						
	MicroStep Level	1-3	14	1	1, 2, 4, 8, 16																					
	Send Motor Home	1-3	15	0																						
	Stop Motor Now	1-3	16	0																						
	Status Request	1-3	100		<Status Type>	<returns> with header and master address in front (00 00 00 00 00 FF 00 00 01 Length Data)																				
	Motor Enable	1-3	100	1	1	True/False (1,0)																				
	Direction	1-3	100	1	2	0, 1																				
	Max Steps Travel	1-3	100	1	3	Max Steps																				
	Motor Steps Moved	1-3	100	1	4	Steps																				
	Backlash Amount	1-3	100	1	5	Steps																				
	Continuous Speed	1-3	100	1	6	Steps/Second (float)																				
	Easing Mode	1-3	100	1	7	1, 2, 3																				
	Delay Motor Start	1-3	100	1	8	Delayed Start Time (mS)																				
	Steps each interval	1-3	100	1	9	Steps																				
	Motor Distance From Home	1-3	100	1	10	Steps																				
	MicroStep Level	1-3	100	1	11	1, 2, 4, 8, 16																				
Cameras	NOOP	4-5	0	0																						
	Camera Enable	4-5	1	1	True/False (1,0)																					
	Expose Now	4-5	2	4	Exposure Time (mS)																					
	Exposure Time	4-5	3	4	Exposure Time (mS)																					
	Focus Time	4-5	4	2	Focus Time (mS)																					
	Max Shots	4-5	5	2	Count																					
	Exposure Delay	4-5	6	2	Delay (mS)																					
	Focus w Shutter	4-5	7	1	1, 0																					
	Repeat Cycles	4-5	8	1	Count																					
	Status Request	4-5	100		<Status Type>	<returns> with header and master address in front (00 00 00 00 00 FF 00 00 01 Length Data)																				
	Camera Enable	4-5	100	1	1	True/False (1,0)																				
	Exposing now?	4-5	100	1	2	True/False (1,0)																				
	Exposure Time	4-5	100	1	3	Exposure Time (mS)																				
	Focus Time	4-5	100	1	4	Focus Time (mS)																				
	Max Shots	4-5	100	1	5	Count																				
	Exposure Delay	4-5	100	1	6	Delay (mS)																				

Focus w Shutter	4-5	100	1	7	1, 0															
Repeat Cycles	4-5	100	1	8	Count															