Sheet1

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

	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																						
	Reserve for core protocol	0	1	0																						
	Start	0	2	0																						
	Pause	0	3	0																						
	Stop	0	4	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 Device Address	0	9	1	2-255																					
	Set Common Line for Step Pulsing	0	10	1	0,1,2																					
	Return Home All	0	11	0																						
	Motors Max Step Rate	0	12	2	Steps/Second																					
	Continuous Mode Enable	0	13	1	True/False (1,0)																					
	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	0	Byte																					
	Run Status	0	101	0	Byte																					
	Run Time	0	102	0	Ulong																					
	Currently Exposing	0	103	0	Byte																					
	Timing Master Value	0	104	0	Byte																					
	Name	0	105	0	String (1-15 Characters, Null-terminated, Null padded)																					
	Motors Max Step Rate	0	106	0	Steps/Second																					
	Voltage Reading	0	107	0	Voltage (float) (V)																					
	Current to Motors	0	108	0	Current (float) (amps)																					
	Continuous Mode	0	109	0	True/False (1,0)																					
Motors	NOOP	1-3	0	0																						
	Reserve for core protocol	1-3	1	0																						
	Motor Enable	1-3	2	1	True/False (1,0)																					
	Direction	1-3	3	1	0, 1																					
	Max Steps Travel	1-3	4	4	Max Steps																					
	Set Home Here	1-3	5	0																						
	Backlash Amount	1-3	6	1	Steps																					
	Continuous Speed	1-3	7	4	Steps/Second (float)																					
	Easing Mode	1-3	8	1	1, 2, 3																					
	Delay Motor Start	1-3	9	4	Delayed Start Time (mS)																					
	Steps each interval	1-3	10	2	Steps																					
	Move Motor Simple	1-3	11	5	Dir (0, 1)		Steps																			
	Move Motor Complex	1-3	12	20	Dir (0, 1)		Steps				31 (pad)		Total Travel Time			31 (pad)		Accel Time mS		31 (pad)		Decel Time mS				
	Plan Travel	1-3	13	22	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	14	0																						
	MicroStep Level	1-3	15	1	1, 2, 4, 8, 16																					
	Motor Sleep	1-3	16	1	True/False (1,0)																					
	Motor Max Step Speed	1-3	17	2	Steps/Second																					
	Send Motor Home	1-3	18	0																						
	Stop Motor Now	1-3	19	0																						
	Set Autopause Option for SMS	1-3	20	1	True/False (1,0)																					
	Step Forward One Step for SMS	1-3	21	0																						
	Step Back One Step for SMS	1-3	22	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	0	True/False (1,0)																					
	Direction	1-3	101	0	0, 1																					
	Max Steps Travel	1-3	102	0	Max Steps																					
	Motor Steps Moved	1-3	103	0	Steps																					
	Backlash Amount	1-3	104	0	Steps																					
	Continuous Speed	1-3	105	0	Steps/Second (float)																					
	Easing Mode	1-3	106	0	1, 2, 3																					
	Delay Motor Start	1-3	107	0	Delayed Start Time (mS)																					
	Steps each interval	1-3	108	0	Steps																					
	Motor Distance From Home	1-3	109	0	Steps																					
	MicroStep Level	1-3	110	0	1, 2, 4, 8, 16																					
	Autopause	1-3	111	0	True/False (1,0)																					
	Motor Max Step Speed	1-3	112	0	Steps/Second																					
Cameras	NOOP	4	0	0																						
	Reserve for core protocol	4	1	0																						
	Camera Enable	4	2	1	True/False (1,0)																					

	Address	Sub-Address	Command	Data Length			
Expose Now	4	3	4	Exposure Time (mS)			
Exposure Time	4	4	4	Exposure Time (mS)			
Focus Time	4	5	2	Focus Time (mS)			
Max Shots	4	6	2	Count			
Exposure Delay	4	7	2	Delay (mS)			
Focus w Shutter	4	8	1	1, 0			
Repeat Cycles	4	9	1	Count			
Interval	4	10	4	Interval Time (mS)			
Status Request	4	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	100	0	True/False (1,0)			
Exposing now?	4	101	0	True/False (1,0)			
Exposure Time	4	102	0	Exposure Time (mS)			
Focus Time	4	103	0	Focus Time (mS)			
Max Shots	4	104	0	Count			
Exposure Delay	4	105	0	Delay (mS)			
Focus w Shutter	4	106	0	1, 0			
Repeat Cycles	4	107	0	Count			

Broadcasts		Address	Sub-Address	Command	Data Length
	Start	1	0	1	0
	Stop	1	0	2	0
	Pause	1	0	3	0
	Reset Memory	1	0	4	0

No responses for broadcast commands