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 13 14 15 18 19 20 21 22 Main NOOP Reserve for core protocol Start Pause Ω Ω Stop Debug LED Timing Master Max Run Time Max Run Time (mS) Set Stored Name 1-15 String (1-15 Characters, Null-terminated, Null padded) Set Device Address 2-255 Set Common Line for Step Pulsing 10 0,1,2 0 Return Home All 11 <Status Type> <returns> with header and master address in front (00 00 00 00 FF 00 00 01 Length Data) Status Request 100 -Firmware Version 100 -Run Status 101 Byte -Run Time 102 103 -Currently Exposing 0 0 -Timing Master Value Ω 104 0 Byte 105 -Name NOOP Motors Reserve for core protocol 1-3 1-3 Motor Enable True/False (1,0) 1-3 Direction 0. 1 1-3 Max Steps Max Steps Travel 4 Set Home Here 1-3 0 Backlash Amount 1-3 Steps Steps/Second (float) Continuous Speed 1-3 Easing Mode 1-3 1, 2, 3 Continuous Mode Enable 1-3 True/False (1,0) 1-3 10 Delayed Start Time (mS) Delay Motor Start 1-3 11 Steps Steps each interval Move Motor Simple 1-3 Dir (0, 1) Steps 12 5 Move Motor Complex 1-3 13 20 Dir (0, 1) Steps Total Travel Time 31 (pad) Accel Time mS 31 (pad) Decel Time mS 31 (pad) Plan Travel 1-3 14 Dir (0, 1) Type (0, 1) Steps Total Travel Time 31 (pad) Accel Time mS 31 (pad) Decel Time mS Clear Planned Travel 1-3 15 MicroStep Level 1-3 16 1, 2, 4, 8, 16 1-3 17 True/False (1,0) Motor Sleep 1-3 Motor Max Step Rate 18 Steps/Second 1-3 Motor Max Step Speed 19 Steps/Second Send Motor Home 1-3 20 Stop Motor Now 1-3 21 Set Autopuase Option for SMS 1-3 22 True/False (1,0) Step Forward One Step for SMS 1-3 23 May need camera? Step Back One Step for SMS 1-3 24 0 May need camera? 1-3 100 <returns> with header and master address in front (00 00 00 00 FF 00 00 01 Length Data) Status Request <Status Type> 1-3 100 Motor Enable ue/False (1,0 Direction 1-3 101 0 Max Steps Max Steps Travel 1-3 102 Motor Steps Moved 1-3 103 Backlash Amount 1-3 104 Continuous Speed 1-3 105 1-3 106 Easing Mode 1-3 107 Delay Motor Start 1-3 108 Steps each interval Motor Distance From Home 1-3 109 0 Steps MicroStep Level 1-3 110 Autopause 1-3 rue/False (1,0) Cameras NOOP 4-5 Reserve for core protocol 4-5 0 4-5 True/False (1,0) Camera Enable 4-5 Exposure Time (mS) Expose Now 4 Exposure Time 4-5 Exposure Time (mS) Focus Time 4-5 Focus Time (mS) 4-5 Count Exposure Delay Delay (mS)

## Sheet1

Focus w Shutter	4-5	8	1	1, 0															
Repeat Cycles	4-5	9	1	Count															
Interval	4-5	10	4	Interval Time (mS)															
Status Request	4-5	100		<status type=""></status>	e> <returns> with header and master address in front (00 00 00 00 00 FF 00 00 01 Length Data)</returns>														
Camera Enable	4-5	100	0	True/False (1,0)															
Exposing now?	4-5	101	0	True/False (1,0)															
Exposure Time	4-5	102	0		Exposure Time (mS)														$\Box$
Focus Time	4-5	103	0	Focus Tim	Focus Time (mS)														$\Box$
Max Shots	4-5	104	0	Count															
Exposure Delay	4-5	105	0	Delay (mS)															
Focus w Shutter	4-5	106	0	1, 0															
Repeat Cycles	4-5	107	0	Count	Count														