Sheet1

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

Sheet1

Max Shots	4-5	100	1	5	Count							\top	٦
Exposure Delay	4-5	100	1	6	Delay (mS)								1
Focus w Shutter	4-5	100	1	7	1, 0]
Repeat Cycles	4-5	100	1	8	Count								1