

## AccelStepper: 16 Functions Grouped By Application (Cheat Sheet)

	Simultaneous Motors Running Together Supported Functions		Motors Running in Sequence Only Functions	
	No conditional use func.	Conditional use functions		
<b>Assign:</b>	moveTo(long <i>absolute</i> ) move(long <i>relative</i> ) setCurrentPosition(long) stop()	Constant Velocity setSpeed(float)	Acceleration setMaxSpeed(float) setAcceleration(float)	Blocking *
<b>Execute:</b>		runSpeed()	run()	runToPosition() runSpeedToPosition() runToNewPosition(long)**
<b>Motor Feed Back:</b>	speed() distanceToGo() targetPosition() currentPosition()			

notes

\*Intended to be used at the end or beginning of a loop, not inside a loop as opposed to other run() functions which are repeatedly checked.

\*\*runToNewPosition(long) provides variable assignment and motor execution all in one function.

Units: position functions have units of STEPS, speed related functions have units of STEPS/SEC

Website: <http://www.airspayce.com/mikem/arduino/AccelStepper/>