



**Input Gcode**

Trajectory  
Generator  
(per GCode  
Line)

XYZ Interpolator  
(per axis)

Acceleration  
Compensation  
Algorithm (per  
axis)

Interpolation &  
Upscaling (per  
axis)

Discretization &  
Stepper Sequence  
Generator (per  
axis)

Sequence  
Consolidation

**Output Binary**

