Polygon Motor

The Polygon Motor is a 24 VDC stepper motor that operates at two speeds. High speed during print (15582.29 rpm) and low speed (7792.15 rpm) during standby. Just before print, the SOS Sensor and LD PWB signals the Halftone PWB that the Laser has fired. The Halftone PWB signals the IOT PWB to switch the motor to High Speed.   (see diagram below)