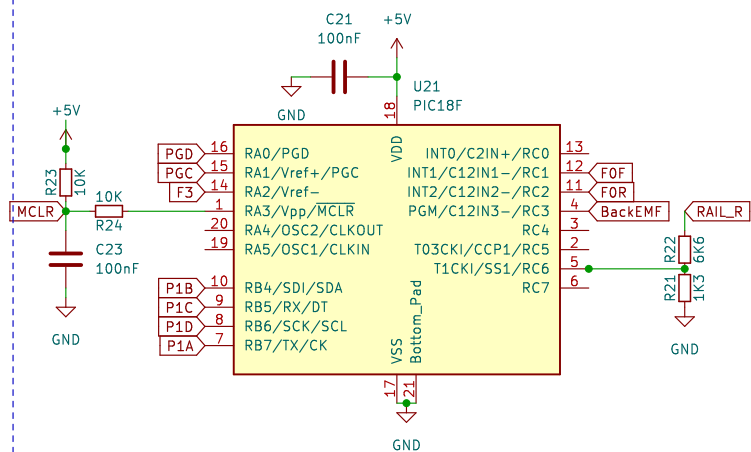
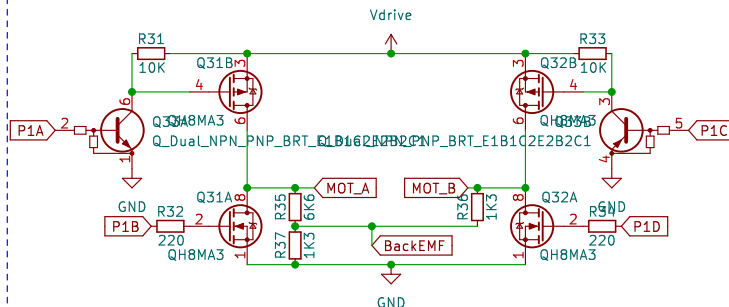


Rail power is fed into a bridge rectifier to generate 6–30V DC which is referenced as Vdrive.
An AMS1117 5V Linear Regulator generates power for the micro-controller.

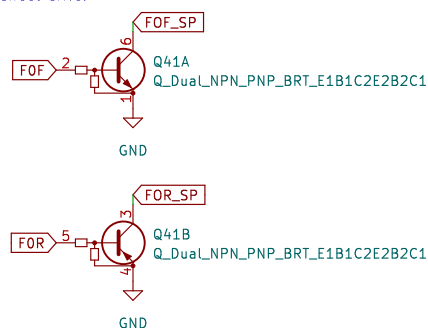


The uC provides all control logic.
Supporting components include a decoupling capacitor, hold up on MCLR, and an ICSP programming header.

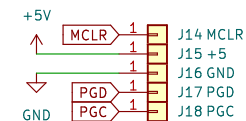
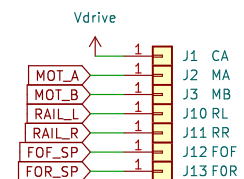
For info on motor driving, see:
<http://www.ermicro.com/blog/?p=706>



Functions FOF/FOR are direct drive.



External Connectivity



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