MECH1
1 2

CTL_K
3 10K1
2 ←
M 3

EXT_CTL_K

Potter Lab, Georgia Tech
Jon Newman — 2012
Cyclops Module r2
2 1
MECH3

ON

U_GATE
JP6

N-MOSFET
A17,5mm

1.5k R2

CURR

AUX

GND

V_AUX

GND1

+12V

317
A17,5mm

C5 1.0uF +

TEST

C4 0.1uF

LED−

LED+

10u C8 + TP_5V

R_CURR 0.2

V_CURR

JP1
3 2 1

JP2
3 2 1

JP3
JP4
JP5

LED+ LED− 12V GND

LED_OUT

GND2

R8 120

R9 1K

R10 240

C6 0.1uF

V_REF

R12 470

C3 1.0uF +

REF02Z
IC3

V_INT

LM324N
IC5

V_CTL

C7 0.1uF

C2 0.1uF

R3 10k

R4 10k

VIN GND

POW2

FUSE >2A

REF_ADJ
3 10k1
2

IMEAS_K
3 10k1
2

REG_ADJ
3 1 5k
2

I/O_BLOCK

POW1
1 2

MECH2
2 1

VPD VTI VR VC GND