

GALIL CONTROLLER #1 MAIN I/O

| Shane AO Main I/O, Controller #1 | | | | | |
|----------------------------------|-----|-------|--------|----------|--------------|
| BIT | I/O | LABEL | SIGNAL | FUNCTION | PIN |
| 1 | I | DI1 | - | - | I/O (A-D) 2 |
| 2 | I | DI2 | - | - | I/O (A-D) 32 |
| 3 | I | DI3 | - | - | I/O (A-D) 18 |
| 4 | I | DI4 | - | - | I/O (A-D) 3 |
| 5 | I | DI5 | - | - | I/O (A-D) 33 |
| 6 | I | DI6 | - | - | I/O (A-D) 19 |
| 7 | I | DI7 | - | - | I/O (A-D) 4 |
| 8 | I | DI8 | - | - | I/O (A-D) 34 |
| 9 | I | DI9 | - | - | I/O (E-H) 2 |
| 10 | I | DI10 | - | - | I/O (E-H) 32 |
| 11 | I | DI11 | - | - | I/O (E-H) 18 |
| 12 | I | DI12 | - | - | I/O (E-H) 3 |
| 13 | I | DI13 | - | - | I/O (E-H) 33 |
| 14 | I | DI14 | - | - | I/O (E-H) 19 |
| 15 | I | DI15 | - | - | I/O (E-H) 4 |
| 16 | I | DI16 | - | - | I/O (E-H) 34 |

| Shane AO Main I/O, Controller #1 | | | | | |
|----------------------------------|-----|-------|---------------|-------------------------|--------------|
| BIT | I/O | LABEL | SIGNAL | FUNCTION | PIN |
| 1 | O | DO1 | - | - | I/O (A-D) 41 |
| 2 | O | DO2 | - | - | I/O (A-D) 27 |
| 3 | O | DO3 | - | - | I/O (A-D) 12 |
| 4 | O | DO4 | - | - | I/O (A-D) 42 |
| 5 | O | DO5 | TT_Y_BRAKE | BRAKE OFF TT Y STAGE | I/O (A-D) 28 |
| 6 | O | DO6 | TT_X_BRAKE | BRAKE OFF TT X STAGE | I/O (A-D) 13 |
| 7 | O | DO7 | LENSLET_BRAKE | BRAKE OFF LENSLET STAGE | I/O (A-D) 43 |
| 8 | O | DO8 | - | - | I/O (A-D) 29 |
| 9 | O | DO9 | - | - | I/O (E-H) 41 |
| 10 | O | DO10 | - | - | I/O (E-H) 27 |
| 11 | O | DO11 | - | - | I/O (E-H) 12 |
| 12 | O | DO12 | - | - | I/O (E-H) 42 |
| 13 | O | DO13 | - | - | I/O (E-H) 28 |
| 14 | O | DO14 | - | - | I/O (E-H) 13 |
| 15 | O | DO15 | - | - | I/O (E-H) 43 |
| 16 | O | DO16 | - | - | I/O (E-H) 29 |

| Shane AO Analog Inputs, Controller #1 | | | | |
|---------------------------------------|-------|-------------|----------|-----|
| INIPUT | LABEL | SIGNAL | FUNCTION | PIN |
| 1 | AI1 | ANALOG IN 1 | - | 2 |
| 2 | AI2 | ANALOG IN 2 | - | 10 |
| 3 | AI3 | ANALOG IN 3 | - | 3 |
| 4 | AI4 | ANALOG IN 4 | - | 11 |
| 5 | AI5 | ANALOG IN 5 | - | 4 |
| 6 | AI6 | ANALOG IN 6 | - | 12 |
| 7 | AI7 | ANALOG IN 7 | - | 5 |
| 8 | AI8 | ANALOG IN 8 | - | 13 |

B

REVISIONS

http://loel.uclick.org/manual/SAO/schematics/SAO_in_out_sh_1.pdf

07/22/13 ADDED BRAKE TO OUTPUT BIT 5, 6 & 7

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| UNIVERSITY OF CALIFORNIA OBSERVATORIES | | SHANE AO I/O ASSIGNMENTS CONTROLLER 1 MAIN I/O | |
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