

CASS AG Internal Cabling

| CASS AG HEAD 2041 | New Head Function | Externally Mounted A&G box 2041 | required destination on SDSU 2041 | Externally Mounted A&G box temp | required destination on Peltier rack |
|-------------------|-------------------|---------------------------------|-----------------------------------|---------------------------------|--------------------------------------|
| A | chassis | f | A | | |
| B | Pelt+ | | | J | A |
| C | Pelt- | | | K | B |
| D | peltier status | | a | A | |
| E | heatsink temp- | | E | B | |
| F | heatsink temp+ | | F | C | |
| G | Preamp power+ | n | G | | |
| H | Preamp power- | p | H | | |
| J | OG | E | J | | |
| K | Sheath L | s | K | | |
| L | AMP_L | k | L | | |
| M | AMP_R | m | M | | |
| N | VSS,GND | H | N | | |
| P | DG | F | B | | |
| R | R2L | Z | R | | |
| S | clock screen | g | S | | |
| T | ldrtn | B | T | | |
| U | Fan+ | | | L | E |
| V | Fan- | | | M | F |
| W | ID1 | S | W | | |
| X | ID2 | A | X | | |
| Y | ID3 | D | Y | | |
| Z | preflash | | I | | |
| a | CCD temp | M | j | | |
| b | spare | t | b | | |
| c | spare | K | Z | | |
| d | ODR/ODL/ABD | L | d | | |
| e | RDL/R | G | e | | |
| f | SheathR | J | f | | |
| g | RIL | X | g | | |
| h | R3L/R3R | Y | h | | |
| i | R1R | n/c | U | | |
| j | R2R | W | V | | |
| k | I3 | P | k | | |
| m | S1 | T | m | | |
| n | S2 | V | n | | |
| p | analog scrn | C | p | | |
| q | PhiR | b | q | | |
| r | I1 | N | r | | |
| s | I2 | R | s | | |
| t | S3 | U | t | | |

Notes:

I and j the R1R,R2R lines are not driven due to lack of wires inside A&G box instead these are commoned up inside the AG6 head with R1L and R2L preflash not implemented either (LED desoldered in AG6 head)

Sheaths in internal A&G box cabling:

DD ->pin A on head

CC ->pin S on head

AA-> pinD on head

BB->pins K,D,I

SMT Dec 02 2003

new connections