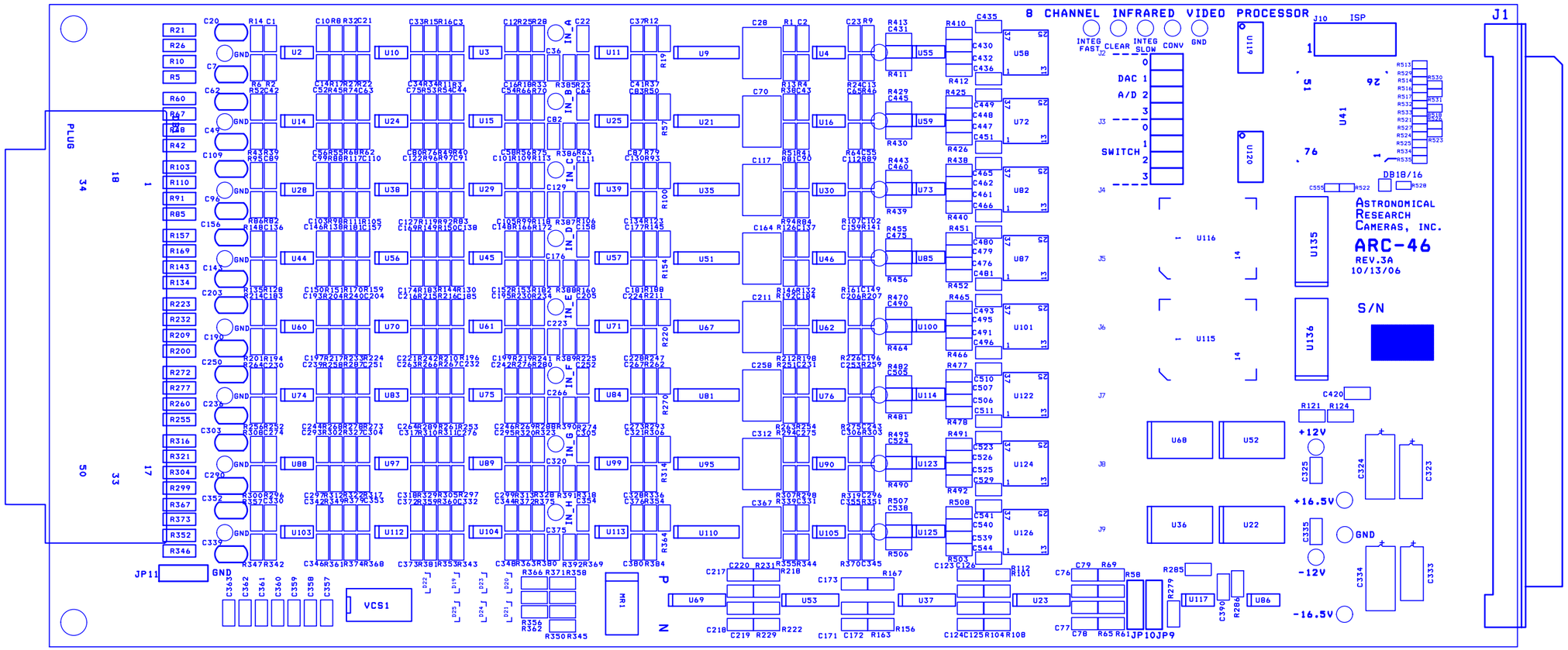
8 CHANNEL INFRARED VIDEO PROCESSOR
INTEG FAST
CLEAR
INTEG SLOW
CONV
GND
DAC 1
A/D 2
SWITCH
ISP
DB18/16
ASTRONOMICAL RESEARCH CAMERAS, INC.
ARC-46
REV.3A
10/13/06
S/N
+12V
+16.5V
GND
-12V
-16.5V
PLUG
J1
JP11
VCS1
MB1

DB_Ctrl
R404
R227R221
R403 R405
C284
C285 C286
C283 C419
C416
R402
R401
WARP_C
C417
C414
C413
C412
R519
R520
R515
C411
C422
R406
C418
R193
R195
R197
R199
R203
R204
R208
R213
C559
C547 C410
C549 C548
C288 C287
C289
C415
C421 C291
U121
R129
R133
R137
R142
R131
R127
C282
R147 R140 R158
R164 R165
R168
R171
R174
R178
R176 R175 R179
C281
U98
U111
C386 R398
R397 C385
C388 R400
R399 C387
R295
C277
C280
C382 R394
C513 R393
C381 C384
R396 R395
C383
C514 C512
C270
R292 R290
R282 R241
R272 R512
C389
R511R265
C427 C426 C437 C433
C428 C438
C424 C429
R409 R419 (16bit)
R408 C453 C450
C442 C440 C452
C443 C441 C428
R422 R432 (16bit)
R421 C444 C468
C457 C455 C463
C458 C467
C454 C459
R435 R445 (16bit)
R434 C483 C477
C472 C469 C474
C473 C471 C282
R448 R458 (16bit)
R447 C498 C492
C487 C486 C497
C488 C485
R461 R471 (16bit)
R460 C489 C516
C502 C500 C508
C503 C515
C499 C504
R474 R484 (16bit)
R473 C531 C527
C520 C518 C530
C521 C517
R485 R497 (16bit)
R487 C544 C543
C535 C532 C545
C536 C534
R500 R510 (16bit)
R499 C537
R80 C88
R47 C45
R417 C434 C415
D2 R415
R416
D3 R414
R418 C425 R407
C572
R423 C446
D4 R427
R424
D5 R428
R431 C439 R420
C576
R437 C464
D7 R442
R436
D6 R441
R444 C456 R433
C580
R450 C478
D8 R453
R449
D9 R454
R457 C470 R446
C584
R463 C494
D12 R468
R462
D11 R469
R467 C484 R459
C588
R476 C509
D13 R480
R475
D14 R479
R483 C501 R472
C592
R489 C528
D16 R494
R488
D15 R493
R496 C519 R486
C596
R501 C542
D17 R505
R502
D18 R504
R509 C533 R498
C600
R123 C135
R90 C92
R139 C182 C139
C574 C15
U96 U8
C573 C577
C578
U102 U20
C581 C592
C104
U118 U34
C585 C596
C151
U137 U50
C589 C590
C198
U138 U66
C593 C594
C245
U139 U80
C597 C598
C298
U140 U94
C602 C601
C347
U141 U109
C603 C193
C17 U7
C59 U19
C109 U33
C153 U49
C200 U65
C247 U79
C300 U93
C349 U108
C395 C394 C19 U6 C11
C397 C396 C61 U18 C53
C399 C398 C108 U32 C100
C401 C400 C155 U48 C147
C403 C402 C202 U64 C194
C405 C404 C249 U78 C240
C407 C406 C302 U92 C294
C409 C408 C351 U107 C343
C229 C186
R250 R205
C570
R20
D26
R155
Q3
R7
C8 U5 C9
C60 U17 C51
C107 U31 C98
C154 U47 C145
C201 U63 C192
C248 U77 C238
C301 U91 C292
C350 U106 C341