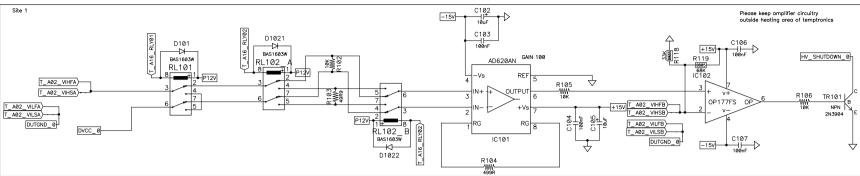
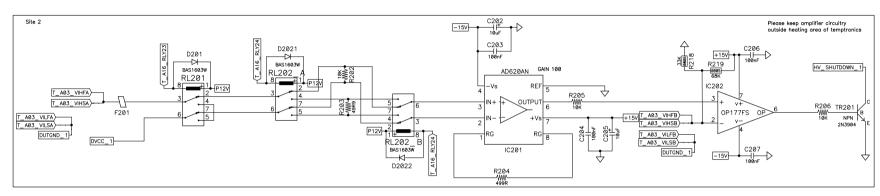
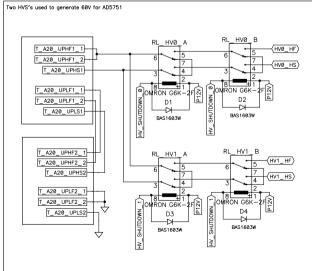


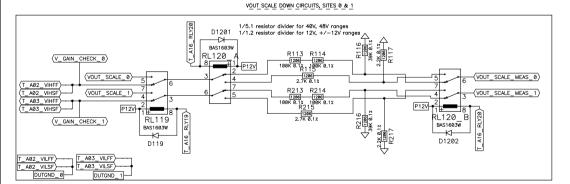
#### CURRENT SENSE ON DVCC FOR SITES 0 & 1. THIS ENSURES THAT THE HIGH VOLTAGE IS ONLY ON WHILE DUT IS IN THE SOCKET.



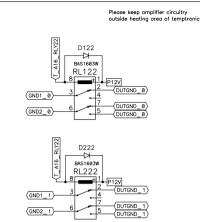


# HIGH VOLTAGE POWER SUPPLY FOR SITES 0 & 1





## GROUND SENSE CIRCUITRY



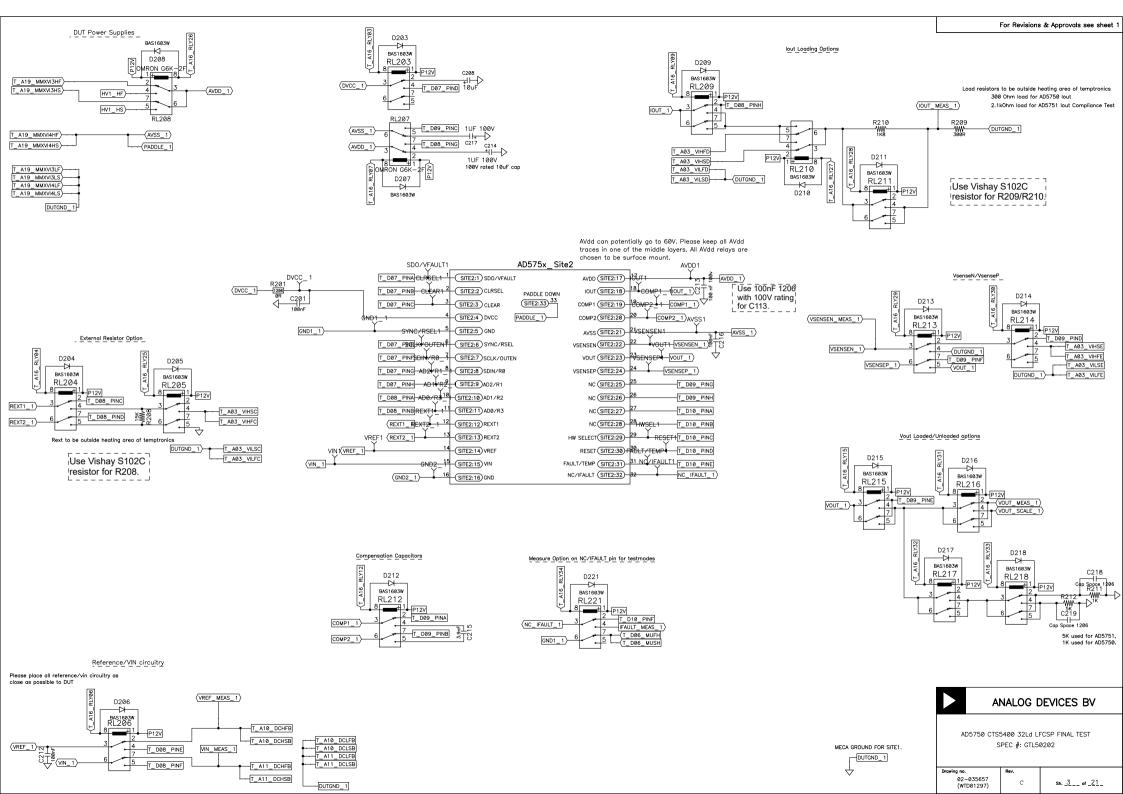


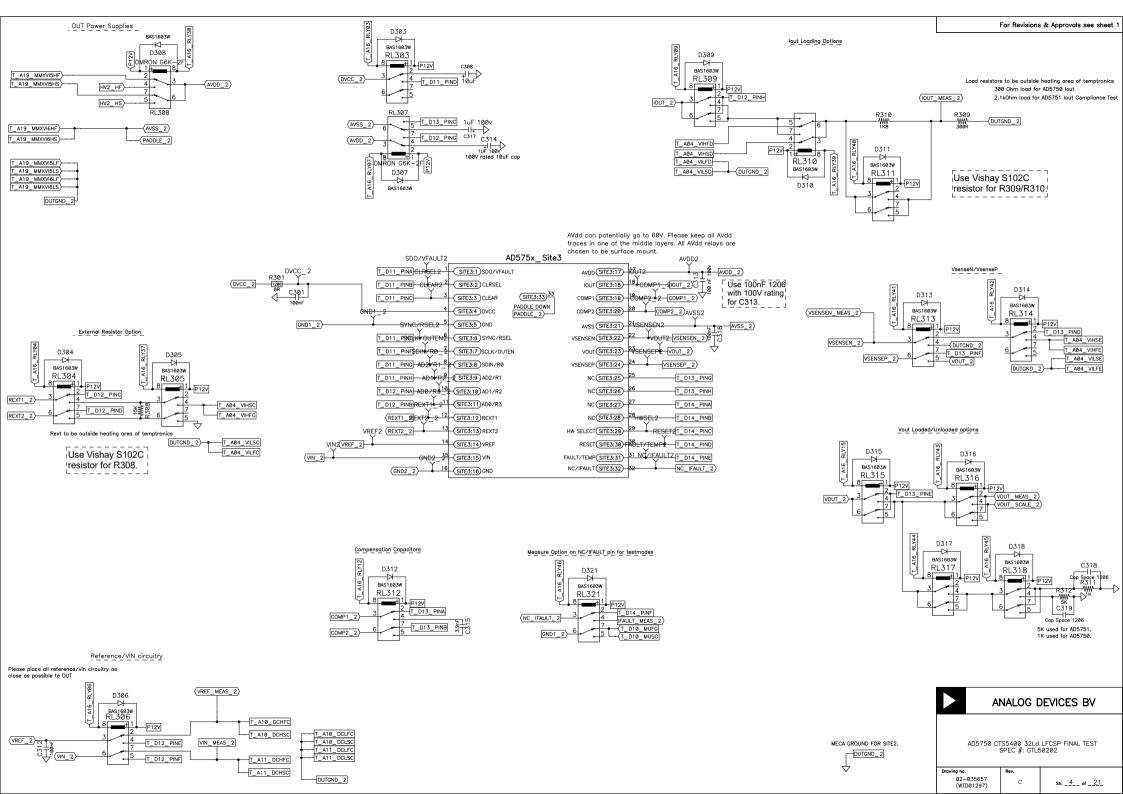
ANALOG DEVICES BY

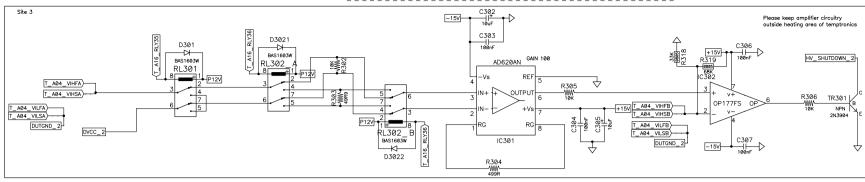
AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202

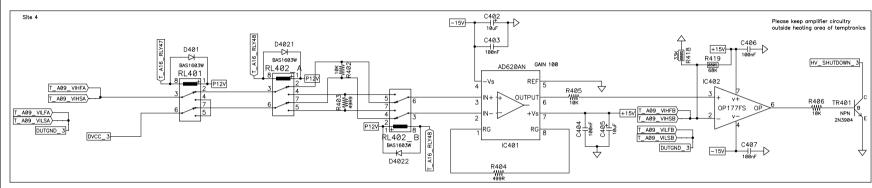
Drawing no. 02-035657 (WTD01297)

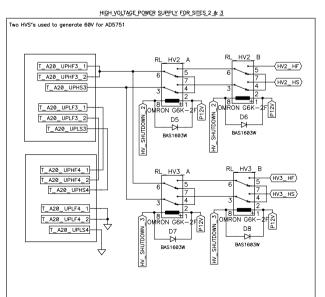
sh. 2 of 21

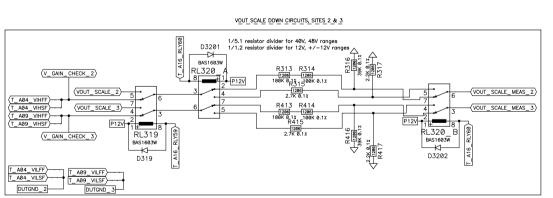




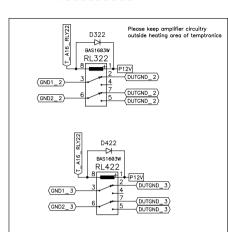








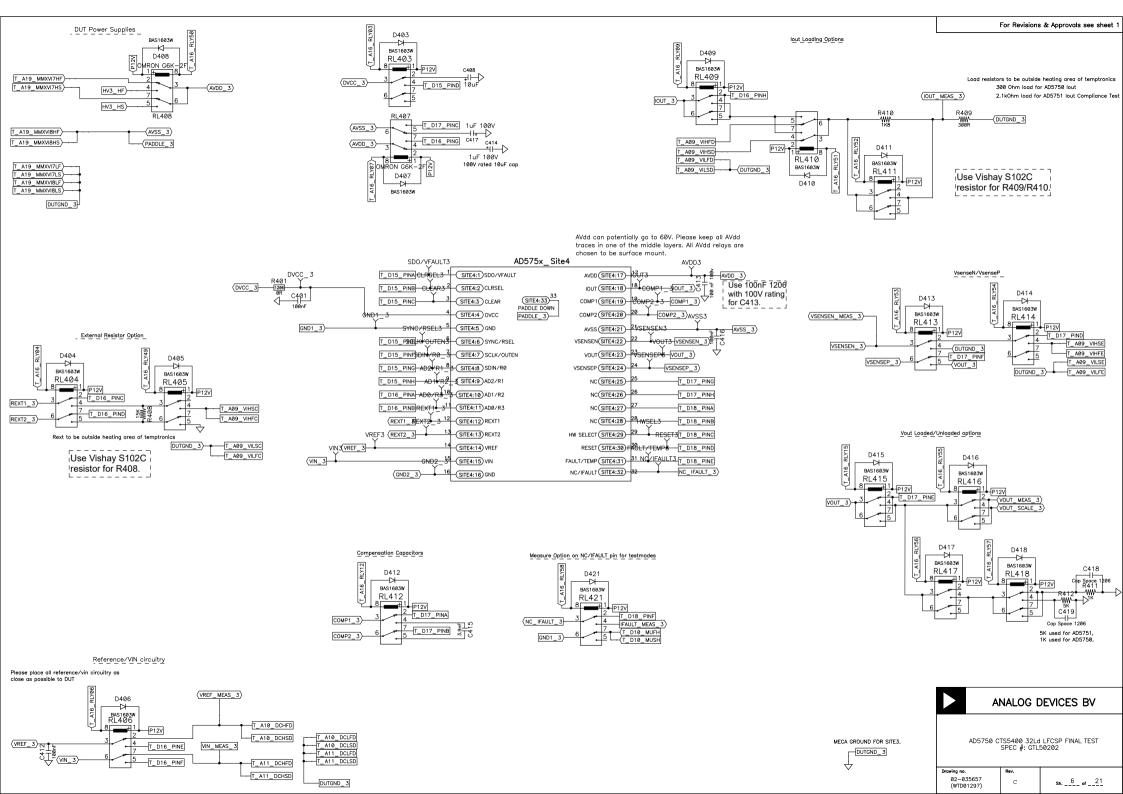
GROUND SENSE CIRCUITRY

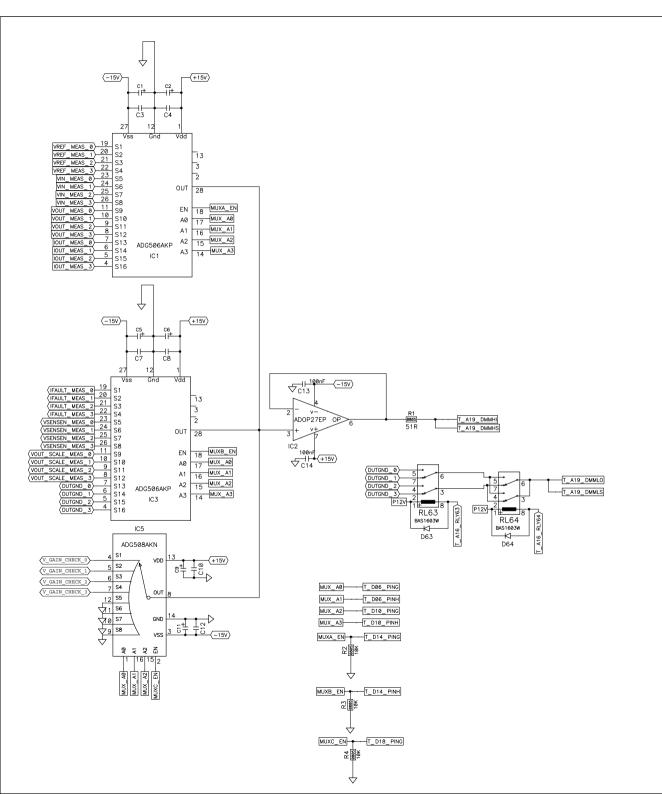




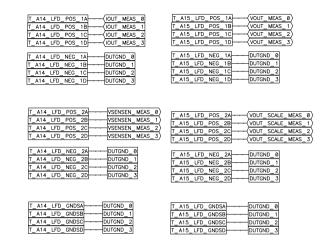
AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202

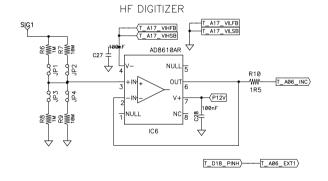
| wing no.                | Rev. |              |
|-------------------------|------|--------------|
| 02-035657<br>(WTD01297) | C    | sh5_ of _21_ |

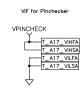




#### Digitiser Connections





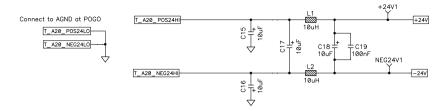




AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202

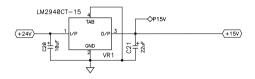
| Drawing no.             | Rev. |             |
|-------------------------|------|-------------|
| 02-035657<br>(WTD01297) | С    | Sh7 of _21_ |

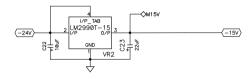
## +/-24V Supplies

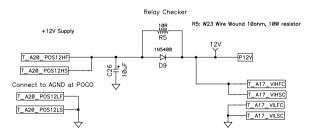


Please place all regulator as far away as possible from DUT

## Power Supplies









AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202

| Drawing no.             | Rev. |
|-------------------------|------|
| 02-035657<br>(WTD01297) | C    |

| TEST HEAD ANALOG SLOT ASSIGNMENTS |                 |          |               |
|-----------------------------------|-----------------|----------|---------------|
| SLOT                              | RESOURCE NAME   | CHANNELS | CTS MODEL NO. |
| A02                               | V/I TYPE F      | 6        | CTS-4215      |
| A03                               | V/I TYPE F      | 6        | CTS-4215      |
| A04                               | V/I TYPE F      | 6        | CTS-4215      |
| A05                               | LF SOURCE       | 2        | CTS-4220      |
| A06                               | HF DIGITIZER    | 2        | CTS-4206-3    |
| A07                               | HF DIGITIZER    | 2        | CTS-4206-3    |
| A08                               | HF SOURCE       |          | CTS-4221      |
| A09                               | V/I TYPE F      | 6        | CTS-4215      |
| A10                               | DC SOURCE       | 4        | CTS-4219      |
| A11                               | DC SOURCE       | 4        | CTS-4219      |
| A12                               | RAMP SOURCE     | 1        | CTS-4224      |
| A13                               | LF SOURSE       | 2        | CTS-4218      |
| A14                               | LF DIGITIZER    | 4        | CTS-4223      |
| A15                               | LF DIGITIZER    | 4        | CTS-4223      |
| A16                               | RELAY DRIVERS   | 64       | CTS-4214      |
| A17                               | V/I TYPE F      | 6        | CTS-4215      |
| A18                               | V/I TYPE F      | 6        | CTS-4215      |
| A19                               | MEASURE MATRIX  | N/A      | CTS-4240      |
| A20                               | USER POWER CARD | N/A      | CTS-4216      |

| TEST HEAD DIGITAL SLOT ASSIGNMENTS |                     |     |               |
|------------------------------------|---------------------|-----|---------------|
| SLOT                               | T RESOURCE NAME CHA |     | CTS MODEL NO. |
| D02                                | CLOCK MATRIX B      | 2   | CTS-4209-1    |
| D03                                | PINCARD D           | 8   | CTS-4102      |
| D04                                | PINCARD D           | 8   | CTS-4102      |
| D05                                | PINCARD D           | 8   | CTS-4102      |
| D06                                | PINCARD D           | 8   | CTS-4102      |
| D07                                | PINCARD D           | 8   | CTS-4102      |
| D08                                | PINCARD D           | 8   | CTS-4102      |
| D09                                | PINCARD D           | 8   | CTS-4102      |
| D10                                | PINCARD D           | 8   | CTS-4102      |
| D11                                | PINCARD D           | 8   | CTS-4102      |
| D12                                | PINCARD D           | 8   | CTS-4102      |
| D13                                | PINCARD D           | 8   | CTS-4102      |
| D14                                | PINCARD D           | 8   | CTS-4102      |
| D15                                | PINCARD D           | 8   | CTS-4102      |
| D16                                | PINCARD D           | 8   | CTS-4102      |
| D17                                | PINCARD D           | 8   | CTS-4102      |
| D18                                | PINCARD D           | 8   | CTS-4102      |
| D19                                | TRIGGER PINCARD     | 8   | CTS-4103      |
| D20                                | DIG SUPPORT C       | N/A | CTS-4011      |

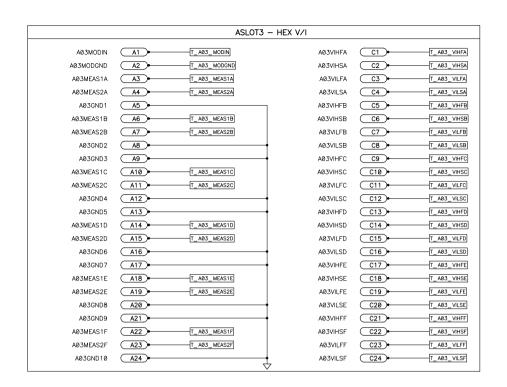
AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202 HEX V/I

Drawing no. Rev. 02-035657 (WTD01297)

sh. \_9\_\_ of \_21\_

|           | ASLOT2                                  | - HEX V/I  |                   |
|-----------|---|------------|-------------------|
|           | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |            |                   |
| A02MODIN  | A1 T_A02_MODIN                          | A02VIHFA   | C1 T_A02_VIHFA    |
| AØ2MODGND | A2 T_A02_MODGND                         | A02VIHSA   | C2 T_A02_VIHSA    |
| A02MEAS1A | A3 • T_A02_MEAS1A                       | A02VILFA   | C3 T_A02_VILFA    |
| A02MEAS2A | A4 • T_A02_MEAS2A                       | A02VILSA   | C4 T_A02_VILSA    |
| AØ2GND1   | A5 •                                    | A02VIHFB   | C5 T_A02_VIHFB    |
| A02MEAS1B | A6 T_A02_MEAS1B                         | A02VIHSB   | C6 T_A02_VIHSB    |
| A02MEAS2B |   | A02VILFB   |                   |
| AØ2GND2   |   | A02VILSB   | C8 • T_A02_VILSB  |
| A02GND3   | A9 •                                    | A02VIHFC   | C9 T_A02_VIHFC    |
| A02MEAS1C |   | A02VIHSC   | C10 - T_A02_VIHSC |
| AØ2MEAS2C | A11 • T_A02_MEAS2C                      | A02VILFC   | C11 T_A02_VILFC   |
| A02GND4   | A12)•                                   | A02VILSC   | C12 T_A02_VILSC   |
| AØ2GND5   | A13)                                    | AØ2VIHFD   | C13 • T_A02_VIHFD |
| A02MEAS1D |   | A02VIHSD   |                   |
| A02MEAS2D | T_A02_MEAS2D                            | A02VILFD   | C15 T_A02_VILFD   |
| AØ2GND6   | A16 •                                   | A02VILSD   | C16 T_A02_VILSD   |
| AØ2GND7   | A17)•                                   | A02VIHFE   | C17 - T_A02_VIHFE |
| A02MEAS1E | A18 T_A02_MEAS1E                        | A02VIHSE   | C18 T_A02_VIHSE   |
| A02MEAS2E | T_A02_MEAS2E                            | A02VILFE   | C19 T_A02_VILFE   |
| AØ2GND8   | A20)+                                   | A02VILSE   | C20 - T_A02_VILSE |
| AØ2GND9   | A21)•                                   | A02VIHFF   | C21 T_A02_VIHFF   |
| A02MEAS1F | T_A02_MEAS1F                            | A02VIHSF   | C22 T_A02_VIHSF   |
| A02MEAS2F | T_A02_MEAS2F                            | A02VILFF   | C23 T_A02_VILFF   |
| A02GND10  | A24)•                                   | A02VILSF   | C24 T_A02_VILSF   |
|           |   | $\Diamond$ |                   |

|           | ASLOT4 - HE        | EX V/I   |           |             |
|-----------|--------------------|----------|-----------|-------------|
| AØ4MODIN  | T_A04_MODIN        | AØ4VIHFA | <u>C1</u> | T_A04_VIHFA |
| AØ4MODGND | T_A04_MODGND       | A04VIHSA | C2 •      | T_A04_VIHSA |
| A04MEAS1A | T_A04_MEAS1A       | A04VILFA | C3        | T_A04_VILFA |
| A04MEAS2A | T_A04_MEAS2A       | AØ4VILSA | C4 •      | T_AØ4_VILSA |
| AØ4GND1   | A5 •               | A04VIHFB | C5 •      | T_A04_VIHFB |
| AØ4MEAS1B | A6 T_A04_MEAS1B    | A04VIHSB | C6 •      | T_A04_VIHSB |
| AØ4MEAS2B | A7 T_A04_MEAS2B    | AØ4VILFB | C7)•—     | T_AØ4_VILFB |
| AØ4GND2   |                    | A04VILSB |           | T_A04_VILSB |
| AØ4GND3   | A9 •               | AØ4VIHFC | C9 •      | T_AØ4_VIHFC |
| AØ4MEAS1C | T_A04_MEAS1C       | AØ4VIHSC | C10)•     | T_AØ4_VIHSC |
| AØ4MEAS2C | A11 T_A04_MEAS2C   | AØ4VILFC | C11)•     | T_AØ4_VILFC |
| AØ4GND4   | A12)               | A04VILSC | C12)•     | T_AØ4_VILSC |
| AØ4GND5   | A13                | AØ4VIHFD | C13)•     | T_AØ4_VIHFD |
| AØ4MEAS1D | T_A04_MEAS1D       | AØ4VIHSD | C14)•     | T_AØ4_VIHSD |
| AØ4MEAS2D | A15 T_A04_MEAS2D   | AØ4VILFD | C15)•     | T_A04_VILFD |
| AØ4GND6   | A16                | AØ4VILSD | C16)•     | T_AØ4_VILSD |
| AØ4GND7   | A17)               | AØ4VIHFE | C17)•     | T_AØ4_VIHFE |
| AØ4MEAS1E | A18 T_A04_MEAS1E   | AØ4VIHSE | C18)•     | T_AØ4_VIHSE |
| AØ4MEAS2E | A19 T_A04_MEAS2E   | AØ4VILFE | C19)•     | T_A04_VILFE |
| AØ4GND8   | A20                | A04VILSE | C20)•     | T_A04_VILSE |
| AØ4GND9   | (A21)              | AØ4VIHFF | C21)•     | T_A04_VIHFF |
| AØ4MEAS1F | A22 T_A04_MEAS1F   | AØ4VIHSF | C22)•—    | T_A04_VIHSF |
| AØ4MEAS2F | A23 • T_A04_MEAS2F | A04VILFF | C23)-     | T_A04_VILFF |
| A04GND10  | (A24)              | AØ4VILSF | C24)•     | T AØ4 VILSF |

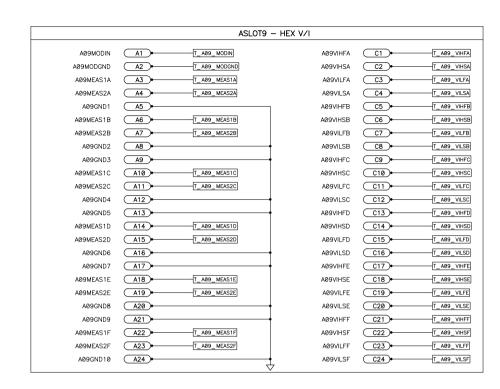


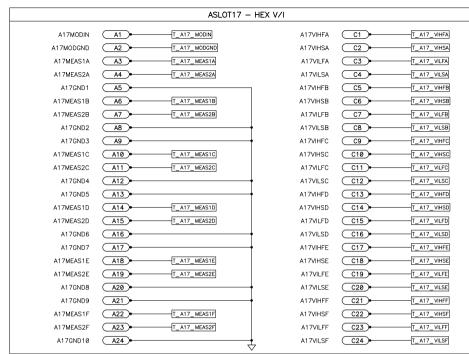


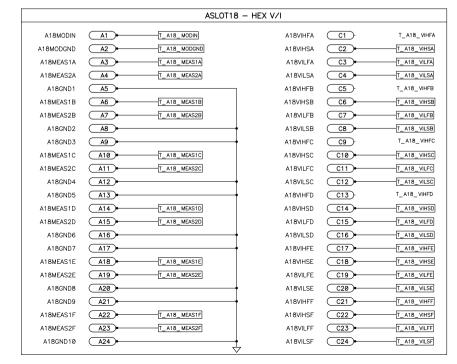
AD5750 CTS5400 32Ld LFCSP FINAL TES SPEC #: GTL50202 HEX V/I

Drawing no. Rev. 02-035657 (WTD01297)

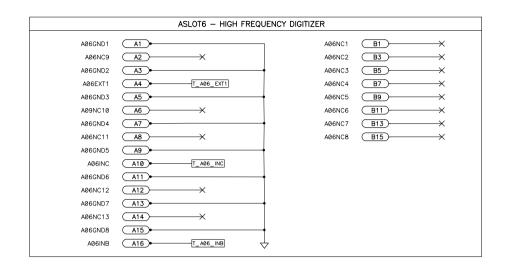
sh. 10 of 21

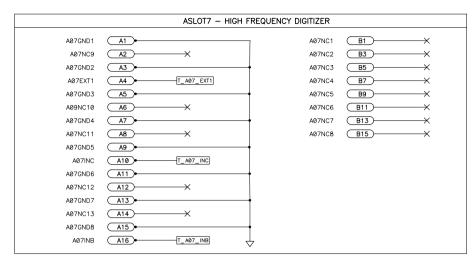




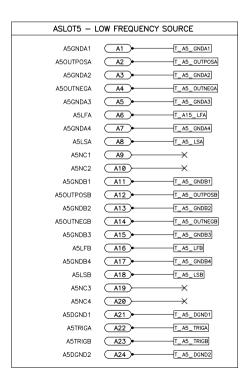








| ASLOT13 -  | LOW FREQUEN | CY SOURCE     |
|------------|-------------|---------------|
| A13GNDA1   | (A1)        | T_A13_GNDA1   |
| A130UTPOSA |             | T_A13_OUTPOSA |
| A13GNDA2   |             | T_A13_GNDA2   |
| A130UTNEGA |             | T_A13_OUTNEGA |
| A13GNDA3   |             | T_A13_GNDA3   |
| A13LFA     | A6          | T_A13_LFA     |
| A13GNDA4   |             | T_A13_GNDA4   |
| A13LSA     |             | T_A13_LSA     |
| A13NC1     |             | ×             |
| A13NC2     |             | ×             |
| A13GNDB1   | A11)•       | T_A13_GNDB1   |
| A130UTPOSB | A12         | T_A13_OUTPOSB |
| A13GNDB2   | A13         | T_A13_GNDB2   |
| A130UTNEGB | A14)•       | T_A13_OUTNEGB |
| A13GNDB3   | A15         | T_A13_GNDB3   |
| A13LFB     | ▲16 •       | T_A13_LFB     |
| A13GNDB4   | A17)•       | T_A13_GNDB4   |
| A13LSB     | A18         | T_A13_LSB     |
| A13NC3     | A19         | ×             |
| A13NC4     |             | <del></del> × |
| A13DGND1   | A21)•       | T_A13_DGND1   |
| A13TRIGA   | A22         | T_A13_TRIGA   |
| A13TRIGB   | A23         | T_A13_TRIGB   |
| A13DGND2   | (A24)•      | T_A13_DGND2   |





AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202 HIGH FREQUENCY DIGITIZER LOW FREQUENCY AWG

| Drawing no.             | Rev. |     |
|-------------------------|------|-----|
| 02-035657<br>(WTD01297) | C    | Sh. |

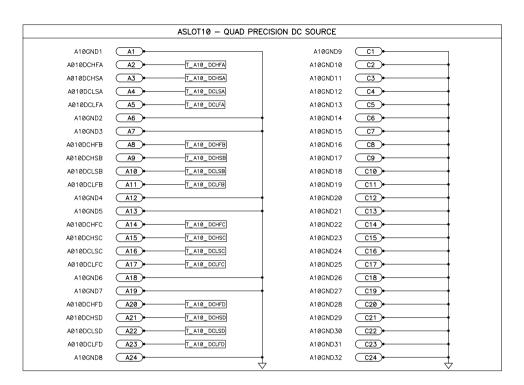
| ASLOT14 – LOW FREQUENCY DIGITIZER ( CHANNELS A, B, C, and D = INPUTS 1, 2, 3, and 4 ) |   |   |  |  |
|---|---|---|--|--|
| 7320114   | EOW TREGOLITOT BIOTIZER ( CITATIVEES A, B, C, CITA B = IIII | 013 1, 2, 0, und + /                            |  |  |
| T_A14_LFD_POS_1A  | B1 •  | C1 T_A14_LFD_POS_3A                             |  |  |
| T_A14_LFD_NEG_1A  | T_A14_LFD_GNDSA   | C2 T_A14_LFD_NEG_3A                             |  |  |
| T_A14_LFD_POS_2A  | X   |   |  |  |
| T_A14_LFD_NEG_2A  | B4 •  | T_A14_LFD_NEG_4A                                |  |  |
| T_A14_LFD_POS_1B  | B5  | C5 T_A14_LFD_POS_3B                             |  |  |
| T_A14_LFD_NEG_1B  | T_A14_LFD_GNDSB   | T_A14_LFD_NEG_3B                                |  |  |
| T_A14_LFD_POS_2B  | X   | T_A14_LFD_POS_4B                                |  |  |
| T_A14_LFD_NEG_2B  |   | T_A14_LFD_NEG_4B                                |  |  |
| T_A14_LFD_POS_1C  | B9  | T_A14_LFD_POS_3C                                |  |  |
| T_A14_LFD_NEG_1C  | T_A14_LFD_GNDSC   | C10 T_A14_LFD_NEG_3C                            |  |  |
| T_A14_LFD_POS_2C  | B11)———————————————————————————————————                     | T_A14_LFD_POS_4C                                |  |  |
| T_A14_LFD_NEG_2C  | B12   | T_A14_LFD_NEG_4C                                |  |  |
| T_A14_LFD_POS_1D  | B13)  | T_A14_LFD_POS_3D                                |  |  |
| T_A14_LFD_NEG_1D  | T_A14_LFD_GNDSD   | T_A14_LFD_NEG_3D                                |  |  |
| T_A14_LFD_POS_2D  | X   | T_A14_LFD_POS_4D                                |  |  |
| T_A14_LFD_NEG_2D  | B16 >   | C16 T_A14_LFD_NEG_4D                            |  |  |
| <u>A17</u> ————————————————————————————————————                                       | B17)•   | <u>C17</u> ×                                    |  |  |
| <u> </u>  | X   | <u>C18</u> ×                                    |  |  |
| <u>A19</u> ————————————————————————————————————                                       | X   | <u>C19</u> — ×                                  |  |  |
| X   | B20   | <u>C20</u> ×                                    |  |  |
| <u>A21</u> )————————————————————————————————————                                      | B21   | <u>C21</u> ×                                    |  |  |
| X   | X   | <u>C22</u> ×                                    |  |  |
| X   | X   | <u>C23</u> ×                                    |  |  |
| <u>A24</u> )  | B24   | <u>C24</u> ———————————————————————————————————— |  |  |
|   | ightharpoons  |   |  |  |

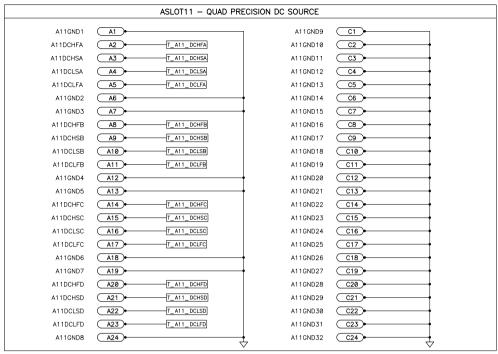
|   | ASLOT15 - LOW FREQUENCY DIGITIZER ( CHANNELS A, B, C, an | d D = INPUTS 1, 2, 3, and 4 ) |
|---|--|-------------------------------|
|   |  |                               |
| T_A15_LFD_POS_1A                          | B1   | T_A15_LFD_POS_3A              |
| T_A15_LFD_NEG_1A                          | T_A15_LFD_GNDSA  | T_A15_LFD_NEG_3A              |
| T_A15_LFD_POS_2A                          | <u>B3</u> — ×  | T_A15_LFD_POS_4A              |
| T_A15_LFD_NEG_2A                          |  | T_A15_LFD_NEG_4A              |
| T_A15_LFD_POS_1B                          | B5   | C5 T_A15_LFD_POS_3B           |
| T_A15_LFD_NEG_1B                          | T_A15_LFD_GNDSB  | C6 T_A15_LFD_NEG_3B           |
| T_A15_LFD_POS_2B                          | X  |                               |
|   |  | T_A15_LFD_NEG_4B              |
| T_A15_LFD_POS_1C                          | B9 •   |                               |
| T_A15_LFD_NEG_1C                          | T_A15_LFD_GNDSC  |                               |
| T_A15_LFD_POS_2C                          | <u>B11</u> X   |                               |
| T_A15_LFD_NEG_2C                          | B12  | T_A15_LFD_NEG_4C              |
| T_A15_LFD_POS_1D                          | B13  | T_A15_LFD_POS_3D              |
| T_A15_LFD_NEG_1D                          | T_A15_LFD_GNDSD  | T_A15_LFD_NEG_3D              |
| T_A15_LFD_POS_2D                          | B15 X  |                               |
| T_A15_LFD_NEG_2D                          | B16)   |                               |
| (A17)X                                    | B17)•  | <u>C17</u> ×                  |
| X   | X  | C18 ×                         |
| X   | X  | <u>C19</u>                    |
| (A20)×                                    | B20)   | ×                             |
| (A21)                                     | (B21)  | (C21) X                       |
| (A22)———————————————————————————————————  | (B22)———————————————————————————————————                 | (C22) ×                       |
| (A23)———————————————————————————————————— | (B23)  | (C23) ×                       |
| (A24)———————————————————————————————————— | B24)   | (C24) ×                       |
| \(\text{\cond}\)                          | <u>₩224</u> ).   | <u> </u>                      |

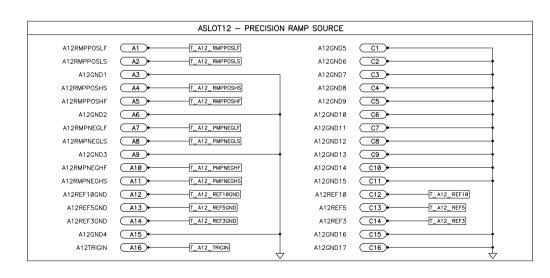
| ASLOT8 - HIGH FREQUENCY SOURCE |         |               |  |
|--------------------------------|---------|---------------|--|
|                                |         |               |  |
|                                |         |               |  |
| AØ8CHA                         | CHA •   | T_A08_CHA     |  |
| AØ8CHA GND                     | AS1 •   | T_A08_CHA_GND |  |
| AØ8CHA GND                     | AS2     | T_A08_CHA_GND |  |
| AØ8CHA GND                     | AS3 •—  | T_A08_CHA_GND |  |
| AØ8CHA GND                     | AS4 )•— | T_A08_CHA_GND |  |
| AØ8CHB                         | CHB)•   | T_A08_CHB     |  |
| AØ8CHB GND                     | BS1 •   | T_A08_CHB_GND |  |
| AØ8CHB GND                     | BS2     | T_A08_CHB_GND |  |
| AØ8CHB GND                     | BS3     | T_A08_CHB_GND |  |
| AØ8CHB GND                     | BS4     | T_A08_CHB_GND |  |
| AØ8CHC                         | CHC •   | T_A08_CHC     |  |
| AØ8CHC GND                     | CS1 •   | T_A08_CHC_GND |  |
| AØ8CHC GND                     | CS2 •   | T_A08_CHC_GND |  |
| AØ8CHC GND                     | CS3 •   | T_A08_CHC_GND |  |
| AØ8CHC GND                     |         | T_A08_CHC_GND |  |
| AØ8CHD                         | CHD•    | T_A08_CHD     |  |
| AØ8CHD GND                     | DS1 •   | T_A08_CHD_GND |  |
| AØ8CHD GND                     | DS2 •   | T_A08_CHD_GND |  |
| AØ8CHD GND                     | DS3     | T_A08_CHD_GND |  |
| AØ8CHD GND                     | DS4     | T_A08_CHD_GND |  |
| AØ8CHE                         | CHE     | T_A08_CHE     |  |
| AØ8CHE GND                     | ES1 •   | T_A08_CHE_GND |  |
| AØ8CHE GND                     | ES2 •   | T_A08_CHE_GND |  |
| AØ8CHE GND                     | ES3 •   | T_A08_CHE_GND |  |
| AØ8CHE GND                     | ES4     | T_A08_CHE_GND |  |
| AØ8CHF                         | CHF     | T_A08_CHF     |  |
| AØ8CHF GND                     | FS1 •   | T_A08_CHF_GND |  |
| AØ8CHF GND                     | FS2 •   | T_A08_CHF_GND |  |
| AØ8CHF GND                     | FS3     | T_A08_CHF_GND |  |
| AØ8CHF GND                     | FS4     | T_A08_CHF_GND |  |
|                                |         |               |  |

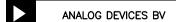
AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202 LOW FREQUENCY DIGITIZER HIGH FREQUENCY AWG

| wing no.                | Rev. |                            |
|-------------------------|------|----------------------------|
| 02-035657<br>(WTD01297) | С    | sh. <u>13</u> of <u>21</u> |









AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202 QUAD PRECISION DC SOURCE PRECISION RAMP SOURCE

| Drawing no.             | Rev. |                            |
|-------------------------|------|----------------------------|
| 02-035657<br>(WTD01297) | С    | sh. <u>14</u> of <u>21</u> |

|             |       |                | ASLO <sup>*</sup> | Γ19 – ANALO | G MATRIX     |              |             |                |                |
|-------------|-------|----------------|-------------------|-------------|--------------|--------------|-------------|----------------|----------------|
|             |       |                |                   |             |              |              |             |                |                |
| A19MMXVI1HF |       | T_A19_MMXVI1HF | A19BUSAH1         |             | T_A19_BUSAH1 |              | A19MMXVI3HF | C1 -           | T_A19_MMXVI3HF |
| A19MMXVI1HS |       | T_A19_MMXVI1HS | A19BUSAL1         | B2 •—       | T_A19_BUSAL1 |              | A19MMXVI3HS | C2)-           | T_A19_MMXVI3HS |
| A19MMXVI1LF |       | T_A19_MMXVI1LF | A19BUSAH2         |             | T_A19_BUSAH2 |              | A19MMXVI3LF | C3>            | T_A19_MMXVI3LF |
| A19MMXVI1LS |       | T_A19_MMXVI1LS | A19BUSAL2         |             | T_A19_BUSAL2 |              | A19MMXVI3LS | C4 <b>•</b>    | T_A19_MMXVI3LS |
| A19MMXVI2HF | A5 •  | T_A19_MMXVI2HF | A19BUSAH3         | B5 •        | T_A19_BUSAH3 |              | A19MMXVI4HF | C5 •           | T_A19_MMXVI4HF |
| A19MMXVI2HS |       | T_A19_MMXVI2HS | A19BUSAL3         | B6 <b>→</b> | T_A19_BUSAL3 |              | A19MMXVI4HS | <u>C6</u>      | T_A19_MMXVI4HS |
| A19MMXVI2LF |       | T_A19_MMXVI2LF | A19BUSAH4         | B7 •—       | T_A19_BUSAH4 |              | A19MMXVI4LF |                | T_A19_MMXVI4LF |
| A19MMXVI2LS |       | T_A19_MMXVI2LS | A19BUSAL4         |             | T_A19_BUSAL4 |              | A19MMXVI4LS |                | T_A19_MMXVI4LS |
| A19BUSAH5   | A9    | T_A19_BUSAH5   | A19GND1           |             |              |              | A19BUSAH7   |                | T_A19_BUSAH7   |
| A19BUSAL5   | A10)• | T_A19_BUSAL5   | A19DMMHI          | B10 •       | T_A19_DMMHI  |              | A19BUSAL7   | C10)•          | T_A19_BUSAL7   |
| A19BUSAH6   | A11)• | T_A19_BUSAH6   | A19DMMLO          | B11 •       | T_A19_DMMLO  |              | A19BUSAH8   | C11)•          | T_A19_BUSAH8   |
| A19BUSAL6   | A12)• | T_A19_BUSAL6   | A19DMMI           | B12 •       | T_A19_DMMI   |              | A19BUSAL8   | C12)•          | T_A19_BUSAL8   |
| A19BUSBH5   | A13   | T_A19_BUSBH5   | A19GND2           | B13 •       |              |              | A19BUSBH7   | C13)•          | T_A19_BUSBH7   |
| A19BUSBL5   | A14)• | T_A19_BUSBL5   | A19DMMHS          | B14 •       | T_A19_DMMHS  |              | A19BUSBL7   | C14)•          | T_A19_BUSBL7   |
| A19BUSBH6   | A15)• | T_A19_BUSBH6   | A19DMMLS          | B15 •       | T_A19_DMMLS  |              | A19BUSBH8   | C15)•          | T_A19_BUSBH8   |
| A19BUSBL6   | A16)• | T_A19_BUSBL6   | A19GND3           | B16 •       |              | <del></del>  | A19BUSBL8   | C16)•          | T_A19_BUSBL8   |
| A19MMXVI5HF | A17)• | T_A19_MMXVI5HF | A19BUSBH1         | B17)•—      | T_A19_BUSBH1 | $\downarrow$ | A19MMXVI7HF | C17 <b>•</b>   | T_A19_MMXVI7HF |
| A19MMXVI5HS | A18)• | T_A19_MMXVI5HS | A19BUSBL1         | B18 •       | T_A19_BUSBL1 | •            | A19MMXVI7HS | C18 •          | T_A19_MMXVI7HS |
| A19MMXVI5LF | A19)  | T_A19_MMXVI5LF | A19BUSBH2         | B19 •       | T_A19_BUSBH2 |              | A19MMXVI7LF | C19•           | T_A19_MMXVI7LF |
| A19MMXVI5LS | A20)• | T_A19_MMXVI5LS | A19BUSBL2         | B20)•       | T_A19_BUSBL2 |              | A19MMXVI7LS | C20 <b>)</b> - | T_A19_MMXVI7LS |
| A19MMXVI6HF | A21)• | T_A19_MMXVI6HF | A19BUSBH3         | B21 •       | T_A19_BUSBH3 |              | A19MMXVI8HF | C21 •          | T_A19_MMXVI8HF |
| A19MMXVI6HS | A22)• | T_A19_MMXVI6HS | A19BUSBL3         | B22 •       | T_A19_BUSBL3 |              | A19MMXV8HS  | C22 <b>)</b> - | T_A19_MMXVI8HS |
| A19MMXVI6LF | A23   | T_A19_MMXVI6LF | A19BUSBH4         | B23 •       | T_A19_BUSBH4 |              | A19MMXVI8LF | C23)•          | T_A19_MMXVI8LF |
| A19MMXVI6LS | A24)• | T_A19_MMXVI6LS | A19BUSBL4         | B24 •       | T_A19_BUSBL4 |              | A19MMXVI8LS | C24)•          | T_A19_MMXVI8LS |
|             |       |                |                   |             |              |              |             |                |                |

|          |       |                | ASLO:          | T20 - USER  | POWER SUPPLIES |              |             |                |
|----------|-------|----------------|----------------|-------------|----------------|--------------|-------------|----------------|
| A20NC1   |       | ——×            | A20NEG24LO     |             | T_A20_NEG24L0  | A20NEG24HI   | C1 <b>—</b> | T_A20_NEG24HI  |
| A20UPLS1 | A2 •  | T_A20_UPLS1    | A20UPLF1_1     | B2 •—       | T_A20_UPLF1_1  | A20UPLF1_2   | C2 —        | T_A20_UPLF1_2  |
| A20UPHS1 |       | T_A20_UPHS1    | A20UPHF1_1     |             | T_A20_UPHF1_1  | A20UPHF1_2   | C3 -        | T_A20_UPHF1_2  |
| A20UPLS2 |       | T_A20_UPLS2    | A20UPLF2_1     |             | T_A20_UPLF2_1  | A20UPLF2_2   | C4 •        | T_A20_UPLF2_2  |
| A20UPHS2 | A5 •  | T_A20_UPHS2    | A20UPHF2_1     |             | T_A20_UPHF2_1  | A20UPHF2_2   |             | T_A20_UPHF2_2  |
| A20UPLS3 |       | T_A20_UPLS3    | A20UPLF3_1     |             | T_A20_UPLF3_1  | A20UPLF3_2   |             | T_A20_UPLF3_2  |
| A20UPHS3 |       | T_A20_UPHS3    | A20UPHF3_1     | B7 <b>●</b> | T_A20_UPHF3_1  | A20UPHF3_2   | C7)-        | T_A20_UPHF3_2  |
| A20UPLS4 |       | T_A20_UPLS4    | A20UPLF4_1     |             | T_A20_UPLF4_1  | A20UPLF4_2   |             | T_A20_UPLF4_2  |
| A20UPHS4 |       | T_A20_UPHS4    | A20UPHF4_1     |             | T_A20_UPHF4_1  | A20UPHF4_2   |             | T_A20_UPHF4_2  |
| A20NC2   | A10   | T_A20_P0S12LS  | A20POS12LO_1   | B10         | T_A20_POS12LF  | A20POS12LO_2 | C10         | T_A20_POS12LF  |
| A20NC3   | A11 - | T_A20_P0S12HS  | A20P0S12HI_ 1  | B11 •       | T_A20_POS12HF  | A20P0S12HI_2 | C11)-       | T_A20_POS12HF  |
| A20NC4   | A12   | T_A20_NEG15LS  | A20NEG15L0_1   | B12         | T_A20_NEG15LF  | A20NEG15L0_2 | C12         | T_A20_NEG15LF  |
| A20NC5   | A13   | T_A20_NEG15HS  | A20NEG15HI_ 1  | B13         | T_A20_NEG15HF  | A20NEG15HI_2 | C13         | T_A20_NEG15HF  |
| A20NC6   | A14   | T_A20_P0S15LS  | A20POS15L0_1   | B14         | T_A20_P0S15LF  | A20POS15LO_2 | C14         | T_A20_POS15LF  |
| A20NC7   | A15   | T_A20_POS15HS  | A20POS15HI_1   | B15         | T_A20_POS15HF  | A20POS15HI_2 | C15         | T_A20_POS15HF  |
| A20NC8   | A16   | T_A20_NEG5LS   | A20NEG5LO_1    | B16         | T_A20_NEG5LF   | A20NEG5LO_2  | C16         | T_A20_NEG5LF   |
| A20NC9   | ▲17 • | T_A20_NEG5HS   | A20NEG5HI_ 1   | B17)•       | T_A20_NEG5HF   | A20NEG5HI_2  | C17)-       | T_A20_NEG5HF   |
| A20NC10  | A18   | T_A20_POS5LS   | A20P0S5L0_1    | B18         | T_A20_POS5LF   | A20POS5LO_2  | C18 •       | T_A20_POS5LF   |
| A20NC11  | A19)+ | T_A20_POS5HS   | A20P0S5HI_ 1   | B19 •       | T_A20_POS5HF   | A20P0S5HI_2  | C19         | T_A20_POS5HF   |
| A20NC12  |       | <del></del> ×  | A20POS3V3LO_1  | B20 •       | T_A20_POS3V3LF | A20P0S3V3L03 | C20)-       | T_A20_POS3V3LF |
| A20NC13  | A21 • | T_A20_P0S3V3LS | A20POS3V3LO_2  | B21)•       | T_A20_P0S3V3LF | A20INTRLKHI  | C21)•       |                |
| A20NC14  | A22   | T_A20_POS3V3HS | A20P0S3V3HI_ 1 | B22 •       | T_A20_P0S3V3HF | A20INTRLKLO  | C22         |                |
| A20NC15  |       | <del></del> ×  | A20P0S3V3HI_2  | B23         | T_A20_P0S3V3HF | A20POS3V3HI3 | C23         | T_A20_POS3V3HF |
| A20NC16  | A24   | ×              | A20POS24LO     | B24)•       | T_A20_P0S24L0  | A20POS24HI   | C24)        | T_A20_POS24HI  |

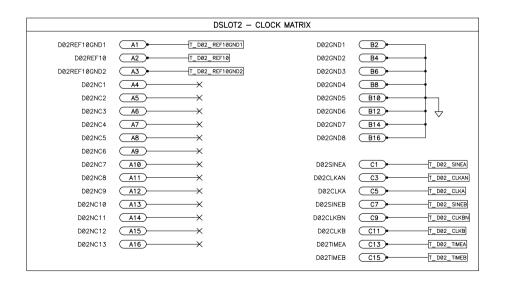
AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202 ANALOG MATRIX USER POWER SUPPLIES

Drawing no. 02-035657 (WTD01297)

c Sh. \_1

sh. <u>15</u> of <u>21</u>

|          |           |                 | 0710 0511110    |             |          |           |             |
|----------|-----------|-----------------|-----------------|-------------|----------|-----------|-------------|
|          |           | ASL             | OT16 - RELAY DR | IVERS       |          |           |             |
| A16RLY01 |           | RLY01 A16RLY25  |                 | T_A16_RLY25 | A16RLY41 | C1 -      | T_A16_RLY41 |
| A16RLY02 | A2 T_A16  | RLY02 A16RLY26  | B2 •            | T_A16_RLY26 | A16RLY42 | C2-       | T_A16_RLY42 |
| A16RLY03 | A3 T_A16  | RLY03 A16RLY27  |                 | T_A16_RLY27 | A16RLY43 | C3        | T_A16_RLY43 |
| A16RLY04 |           | RLY04 A16RLY28  |                 | T_A16_RLY28 | A16RLY44 | C4 •      | T_A16_RLY44 |
| A16RLY05 | A5 T_A16  | RLY05 A16RLY29  | B5 •            | T_A16_RLY29 | A16RLY45 | C5        | T_A16_RLY45 |
| A16RLY06 | A6 T_A16  | RLY06 A16RLY30  | B6 •            | T_A16_RLY30 | A16RLY46 |           | T_A16_RLY46 |
| A16RLY07 |           | RLY07 A16RLY31  | B7 •            | T_A16_RLY31 | A16RLY47 | C7 •      | T_A16_RLY47 |
| A16RLY08 |           | RLY08 A16RLY32  |                 | T_A16_RLY32 | A16RLY48 | <u>C8</u> | T_A16_RLY48 |
| A16RLY09 | A9 T_A16  | RLY09 A16GND1   | B9 •            |             | A16RLY49 | <u>C9</u> | T_A16_RLY49 |
| A16RLY10 | A10 T_A16 | RLY10 A16GND2   | B10             |             | A16RLY50 | C10       | T_A16_RLY50 |
| A16RLY11 | A11 T_A16 | _RLY11 A16GND3  | B11)            |             | A16RLY51 | C11       | T_A16_RLY51 |
| A16RLY12 | A12 T_A16 | _RLY12 A16GND4  | B12             | T_A16_GND   | A16RLY52 | C12       | T_A16_RLY52 |
| A16RLY13 | A13 T_A16 | RLY13 A16GND5   | B13             |             | A16RLY53 | C13       | T_A16_RLY53 |
| A16RLY14 | A14 T_A16 | _RLY14 A16GND6  | B14 •           |             | A16RLY54 | C14       | T_A16_RLY54 |
| A16RLY15 | A15 T_A16 | RLY15 A16GND7   | B15             |             | A16RLY55 | C15       | T_A16_RLY55 |
| A16RLY16 | A16 T_A16 | _RLY16 A16GND8  | B16             |             | A16RLY56 | C16       | T_A16_RLY56 |
| A16RLY17 | A17 T_A16 | RLY17 A16RLY33  | B17 •           | T_A16_RLY33 | A16RLY57 | C17       | T_A16_RLY57 |
| A16RLY18 | A18 T_A16 | _RLY18 A16RLY34 | B18             | T_A16_RLY34 | A16RLY58 | C18       | T_A16_RLY58 |
| A16RLY19 | A19 T_A16 | _RLY19 A16RLY35 | B19             | T_A16_RLY35 | A16RLY59 | C19•      | T_A16_RLY59 |
| A16RLY20 | A20 T_A16 | RLY20 A16RLY36  | B20 •           | T_A16_RLY36 | A16RLY60 | C20 •     | T_A16_RLY60 |
| A16RLY21 | A21 T_A16 | _RLY21 A16RLY37 | B21 •           | T_A16_RLY37 | A16RLY61 | C21       | T_A16_RLY61 |
| A16RLY22 | A22 T_A16 | _RLY22 A16RLY38 | B22)•           | T_A16_RLY38 | A16RLY62 | C22       | T_A16_RLY62 |
| A16RLY23 | A23 T_A16 | _RLY23 A16RLY39 | B23             | T_A16_RLY39 | A16RLY63 | C23       | T_A16_RLY63 |
| A16RLY24 | A24 T_A16 | _RLY24 A16RLY40 | B24 •           | T_A16_RLY40 | A16RLY64 | C24       | T_A16_RLY64 |
|          |           |                 |                 |             |          |           |             |





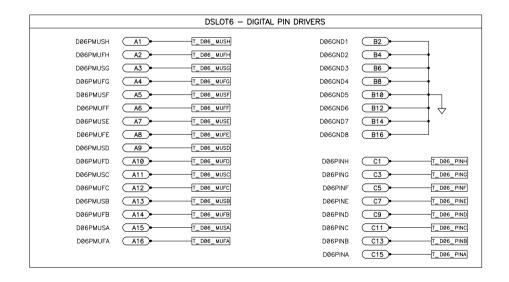
AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202 RELAY DRIVERS CLOCK MATRIX

| Drawing no.             | Rev. |             |
|-------------------------|------|-------------|
| 02-035657<br>(WTD01297) | C    | Sh16_ of21_ |

|          |       | DSLOT3 - DIGI | TAL PIN DRIVERS |                |
|----------|-------|---------------|-----------------|----------------|
| DØ3PMUSH |       | T_D03_MUSH    | DØ3GND1         | B2 •           |
| D03PMUFH |       | T_D03_MUFH    | D03GND2         | B4 •           |
| D03PMUSG |       | T_D03_MUSG    | D03GND3         | B6 •           |
| D03PMUFG |       | T_D03_MUFG    | D03GND4         |                |
| D03PMUSF | A5 •  | T_D03_MUSF    | D03GND5         | B10            |
| D03PMUFF |       | T_D03_MUFF    | DØ3GND6         | B12            |
| D03PMUSE |       | T_D03_MUSE    | D03GND7         | B14            |
| D03PMUFE |       | T_D03_MUFE    | D03GND8         | B16            |
| D03PMUSD |       | T_D03_MUSD    |                 |                |
| D03PMUFD | A10 • | T_D03_MUFD    | D03PINH         | C1 T_D03_PINI  |
| DØ3PMUSC | A11)• | T_D03_MUSC    | DØ3PING         | C3 T_D03_PINO  |
| D03PMUFC | A12   | T_D03_MUFC    | D03PINF         | C5 T_D03_PINE  |
| DØ3PMUSB | A13   | T_D03_MUSB    | D03PINE         | C7 T_D03_PINE  |
| D03PMUFB | A14 • | T_D03_MUFB    | D03PIND         |                |
| D03PMUSA | A15   | T_D03_MUSA    | DØ3PINC         | C11 T_D03_PINO |
| DØ3PMUFA | A16   | T_D03_MUFA    | D03PINB         | C13 T_D03_PINE |
|          |       |               | DØ3PINA         | C15 T_D03_PINA |

|          |       | DSLOT4 - DIGITAL | PIN DRIVERS |  |
|----------|-------|------------------|-------------|--|
| D04PMUSH |       | T_D04_MUSH       | DØ4GND1     | B2                                       |
| DØ4PMUFH |       | T_D04_MUFH       | DØ4GND2     | B4 •                                     |
| D04PMUSG |       | T_D04_MUSG       | DØ4GND3     | B6                                       |
| D04PMUFG |       | T_D04_MUFG       | DØ4GND4     | B8 • • • • • • • • • • • • • • • • • • • |
| D04PMUSF | A5 •  | T_D04_MUSF       | DØ4GND5     | B10                                      |
| D04PMUFF | A6_•  | T_D04_MUFF       | DØ4GND6     | B12                                      |
| DØ4PMUSE |       | T_D04_MUSE       | DØ4GND7     | B14                                      |
| D04PMUFE |       | T_D04_MUFE       | DØ4GND8     | B16                                      |
| D04PMUSD |       | T_D04_MUSD       |             |  |
| DØ4PMUFD | A10 • | T_D04_MUFD       | D04PINH     | C1 T_D04_                                |
| D04PMUSC | A11)• | T_D04_MUSC       | D04PING     | C3 T_D04_                                |
| DØ4PMUFC | A12)• | T_D04_MUFC       | DØ4PINF     | C5 T_D04_                                |
| D04PMUSB | A13)• | T_D04_MUSB       | D04PINE     | C7 T_D04_                                |
| DØ4PMUFB | A14)• | T_D04_MUFB       | D04PIND     | C9 T_D04_                                |
| D04PMUSA | A15)• | T_D04_MUSA       | D04PINC     | C11 T_D04_                               |
| D04PMUFA | A16)• | T_D04_MUFA       | D04PINB     | C13 T_D04_                               |
|          |       |                  | DØ4PINA     | C15 T_D04_                               |

|          | DSLOT5 - DIGI | TAL PIN DRIVERS |              |
|----------|---------------|-----------------|--------------|
| DØ5PMUSH | T_D05_MUSH    | DØ5GND1         | B2           |
| DØ5PMUFH |               | DØ5GND2         | B4 •         |
| DØ5PMUSG | T_D05_MUSG    | D05GND3         | B6 •         |
| DØ5PMUFG | T_D05_MUFG    | D05GND4         | B8 •         |
| D05PMUSF | A5 T_D05_MUSF | DØ5GND5         | B10          |
| D05PMUFF |               | DØ5GND6         | B12          |
| DØ5PMUSE |               | DØ5GND7         | B14          |
| DØ5PMUFE |               | DØ5GND8         | B16          |
| DØ5PMUSD | T_ D05_ MUSD  |                 |              |
| D05PMUFD | T_D05_MUFD    | DØ5PINH         |              |
| DØ5PMUSC | T_D05_MUSC    | DØ5PING         | C3 T_D05     |
| DØ5PMUFC | T_005_MUFC    | D05PINF         | C5 T_D05_    |
| D05PMUSB | T_D05_MUSB    | DØ5PINE         | C7 T_D05_    |
| DØ5PMUFB |               | DØ5PIND         | C9 T_D05_    |
| DØ5PMUSA | T_005_MUSA    | DØ5PINC         | C11 • T_D05_ |
| D05PMUFA | T_ D05_ MUFA  | DØ5PINB         | C13 T_D05    |
|          |               | D05PINA         | C15 T_D05_   |





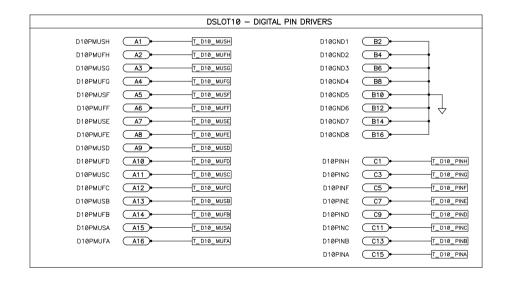
AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202 DIGITAL PIN DRIVERS

| Drawing no.             | Rev. |                           |
|-------------------------|------|---------------------------|
| 02-035657<br>(WTD01297) | C    | sh. <u>17</u> of <u>2</u> |

|          |       | DSLOT7 - DIC | GITAL PIN DRIVERS |             |
|----------|-------|--------------|-------------------|-------------|
| D07PMUSH |       | T_D07_MUSH   | DØ7GND1           | B2          |
| D07PMUFH |       | T_D07_MUFH   | DØ7GND2           | B4 •        |
| D07PMUSG |       | T_D07_MUSG   | D07GND3           | B6 •        |
| D07PMUFG |       | T_D07_MUFG   | D07GND4           | B8 •        |
| D07PMUSF | A5    | T_D07_MUSF   | DØ7GND5           | B10         |
| D07PMUFF |       | T_D07_MUFF   | D07GND6           | B12         |
| D07PMUSE |       | T_D07_MUSE   | DØ7GND7           | B14         |
| D07PMUFE |       | T_D07_MUFE   | DØ7GND8           | B16         |
| D07PMUSD |       | T_D07_MUSD   |                   |             |
| D07PMUFD | A10   | T_D07_MUFD   | D07PINH           | C1 T_D07_   |
| D07PMUSC | A11)• | T_D07_MUSC   | D07PING           | C3 T_D07_F  |
| D07PMUFC | A12   | T_D07_MUFC   | D07PINF           | C5 T_D07_F  |
| D07PMUSB | A13   | T_D07_MUSB   | D07PINE           | C7 T_D07_   |
| D07PMUFB | A14)• | T_D07_MUFB   | D07PIND           | C9 T_D07_F  |
| D07PMUSA | A15   | T_D07_MUSA   | D07PINC           | C11 T_D07_  |
| D07PMUFA | A16   | T_D07_MUFA   | D07PINB           | C13 T_D07_  |
|          |       |              | DØ7PINA           | C15 T_D07_6 |

|          | DSLOT8 - DIGITA | L PIN DRIVERS |               |
|----------|-----------------|---------------|---------------|
| D08PMUSH | T_D08_MUSH      | DØ8GND1       | B2            |
| D08PMUFH | T_D08_MUFH      | DØ8GND2       | B4 •          |
| DØ8PMUSG | T_D08_MUSG      | DØ8GND3       | B6 •          |
| DØ8PMUFG | T_D08_MUFG      | D08GND4       | B8 •          |
| DØ8PMUSF | T_D08_MUSF      | DØ8GND5       | B10           |
| D08PMUFF | T_D08_MUFF      | DØ8GND6       | B12           |
| DØ8PMUSE | T_D08_MUSE      | DØ8GND7       | B14           |
| DØ8PMUFE | T_D08_MUFE      | DØ8GND8       | B16           |
| DØ8PMUSD | T_D08_MUSD      |               |               |
| DØ8PMUFD | T_D08_MUFD      | DØ8PINH       | C1T_D08_PIN   |
| DØ8PMUSC | T_D08_MUSC      | DØ8PING       | C3 T_D08_PIN  |
| DØ8PMUFC | T_D08_MUFC      | D08PINF       | C5 T_D08_PIN  |
| DØ8PMUSB | T_D08_MUSB      | DØ8PINE       |               |
| DØ8PMUFB | T_D08_MUFB      | DØ8PIND       |               |
| DØ8PMUSA | T_008_MUSA      | DØ8PINC       | C11 T_D08_PIN |
| D08PMUFA | T_D08_MUFA      | DØ8PINB       | C13 T_D08_PIN |
|          |                 | DØ8PINA       | C15 T_D08_PIN |

|      |       |      | DSLOT9 — D | IGITAL PIN DRIVERS |               |
|------|-------|------|------------|--------------------|---------------|
| D098 | PMUSH |      | T_D09_MUSH | DØ9GND1            | B2 •          |
| DØ9  | PMUFH | A2 • | T_D09_MUFH | DØ9GND2            | B4 •          |
| D098 | PMUSG |      | T_D09_MUSG | D09GND3            | B6            |
| D09  | PMUFG |      | T_D09_MUFG | DØ9GND4            | B8 •          |
| D09  | PMUSF | A5 • | T_D09_MUSF | DØ9GND5            | B10           |
| D09  | PMUFF | A6 • | T_D09_MUFF | DØ9GND6            | B12           |
| D09  | PMUSE |      | T_D09_MUSE | DØ9GND7            | B14           |
| D09  | PMUFE |      | T_D09_MUFE | DØ9GND8            | B16           |
| D098 | PMUSD | A9 • | T_D09_MUSD |                    |               |
| D09  | PMUFD | A10  | T_D09_MUFD | D09PINH            | C1T_D09_PIN   |
| D09  | PMUSC |      | T_D09_MUSC | DØ9PING            | C3 T_D09_PIN  |
| D09  | PMUFC | A12  | T_D09_MUFC | D09PINF            | C5 T_D09_PIN  |
| D098 | PMUSB | A13  | T_D09_MUSB | D09PINE            |               |
| D09  | PMUFB | A14) | T_D09_MUFB | DØ9PIND            | C9 T_D09_PIN  |
| D09  | PMUSA | A15  | T_D09_MUSA | D09PINC            |               |
| D09  | PMUFA | A16  | T_D09_MUFA | D09PINB            | C13 T_D09_PIN |
|      |       |      |            | DØ9PINA            | C15 T_D09_PIN |





|          |       | DSLOT11 - DIGIT | AL PIN DRIVERS |              |
|----------|-------|-----------------|----------------|--------------|
| D11PMUSH |       | T_D11_MUSH      | D11GND1        | B2 •         |
| D11PMUFH |       | T_D11_MUFH      | D11GND2        | B4 •         |
| D11PMUSG |       | T_D11_MUSG      | D11GND3        | B6 •         |
| D11PMUFG |       | T_D11_MUFG      | D11GND4        | B8 •         |
| D11PMUSF | A5 •  | T_D11_MUSF      | D11GND5        | B10          |
| D11PMUFF |       | T_D11_MUFF      | D11GND6        | B12          |
| D11PMUSE | A7 •  | T_D11_MUSE      | D11GND7        | B14          |
| D11PMUFE |       | T_D11_MUFE      | D11GND8        | B16          |
| D11PMUSD |       | T_D11_MUSD      |                |              |
| D11PMUFD | A10   | T_D11_MUFD      | D11PINH        | C1 T_D11_P   |
| D11PMUSC | A11)• | T_D11_MUSC      | D11PING        | C3 T_D11_P   |
| D11PMUFC | A12   | T_D11_MUFC      | D11PINF        | C5 T_D11_PI  |
| D11PMUSB | A13   | T_D11_MUSB      | D11PINE        | C7 T_D11_PI  |
| D11PMUFB | A14 • | T_D11_MUFB      | D11PIND        | C9 T_D11_P   |
| D11PMUSA | A15   | T_D11_MUSA      | D11PINC        | C11 T_D11_P  |
| D11PMUFA | A16   | T_D11_MUFA      | D11PINB        | C13 T_D11_P  |
|          |       |                 | D11PINA        | C15 T_D11_PI |

|          |       | DSLOT12 - DIGIT | TAL PIN DRIVERS |               |
|----------|-------|-----------------|-----------------|---------------|
| D12PMUSH | (A1)• | T_D12_MUSH      | D12GND1         | B2 •          |
| D12PMUFH |       | T_D12_MUFH      | D12GND2         | B4 •          |
| D12PMUSG |       | T_D12_MUSG      | D12GND3         | B6 •          |
| D12PMUFG |       | T_D12_MUFG      | D12GND4         | B8 •          |
| D12PMUSF |       | T_D12_MUSF      | D12GND5         | B10           |
| D12PMUFF |       | T_D12_MUFF      | D12GND6         | B12           |
| D12PMUSE |       | T_D12_MUSE      | D12GND7         | B14           |
| D12PMUFE |       | T_D12_MUFE      | D12GND8         | B16           |
| D12PMUSD | (A9)• | T_D12_MUSD      |                 |               |
| D12PMUFD | A10)• | T_D12_MUFD      | D12PINH         |               |
| D12PMUSC | A11)• | T_D12_MUSC      | D12PING         | C3 T_D12_PIN  |
| D12PMUFC | A12)• | T_D12_MUFC      | D12PINF         | C5 T_D12_PIN  |
| D12PMUSB | A13)• | T_D12_MUSB      | D12PINE         |               |
| D12PMUFB | A14)• | T_D12_MUFB      | D12PIND         | C9 T_D12_PIN  |
| D12PMUSA | A15)• | T_D12_MUSA      | D12PINC         | C11 T_D12_PIN |
| D12PMUFA | A16)• | T_D12_MUFA      | D12PINB         | C13 T_D12_PIN |
|          |       |                 | D12PINA         | C15 T_D12_PIN |

|          | DSLOT1           | 3 - DIGITAL PIN DRIVERS |                  |
|----------|------------------|-------------------------|------------------|
| D13PMUSH | T_D13_MUSH       | D13GND1                 | B2 •             |
| D13PMUFH | T_D13_MUFH       | D13GND2                 |                  |
| D13PMUSG | T_D13_MUSG       | D13GND3                 | B6 •             |
| D13PMUFG | A4 T_D13_MUFG    | D13GND4                 | B8 •             |
| D13PMUSF | A5 T_D13_MUSF    | D13GND5                 | B10              |
| D13PMUFF |                  | D13GND6                 | B12              |
| D13PMUSE | T_D13_MUSE       | D13GND7                 | B14)•            |
| D13PMUFE | T_D13_MUFE       | D13GND8                 | B16 •            |
| D13PMUSD | A9 T_D13_MUSD    |                         |                  |
| D13PMUFD | T_D13_MUFD       | D13PINH                 | C1 • T_D13_PINH  |
| D13PMUSC | A11 • T_D13_MUSC | D13PING                 | C3 • T_D13_PING  |
| D13PMUFC |                  | D13PINF                 | C5 • T_D13_PINF  |
| D13PMUSB | T_D13_MUSB       | D13PINE                 | C7 • T_D13_PINE  |
| D13PMUFB | A14 T_D13_MUFB   | D13PIND                 | C9 T_D13_PIND    |
| D13PMUSA | T_D13_MUSA       | D13PINC                 | C11 • T_D13_PINC |
| D13PMUFA |                  | D13PINB                 | C13 T_D13_PINB   |
|          |                  | D13PINA                 | C15 T_D13_PINA   |
|          |                  |                         |                  |

|          | DSLOT14 - DIG | ITAL PIN DRIVERS |                |
|----------|---------------|------------------|----------------|
| D14PMUSH |               | D14GND1          | B2             |
| D14PMUFH |               | D14GND2          | B4 •           |
| D14PMUSG |               | D14GND3          | B6 •           |
| D14PMUFG |               | D14GND4          | B8 •           |
| D14PMUSF | A5 T_D14_MUSF | D14GND5          | B10            |
| D14PMUFF |               | D14GND6          | B12            |
| D14PMUSE | A7 T_D14_MUSE | D14GND7          | B14            |
| D14PMUFE |               | D14GND8          | B16            |
| D14PMUSD | T_D14_MUSD    |                  |                |
| D14PMUFD | T_D14_MUFD    | D14PINH          |                |
| D14PMUSC |               | D14PING          | C3 T_D14_PING  |
| D14PMUFC | T_D14_MUFC    | D14PINF          |                |
| D14PMUSB | T_D14_MUSB    | D14PINE          | C7 T_D14_PINE  |
| D14PMUFB |               | D14PIND          |                |
| D14PMUSA | T_D14_MUSA    | D14PINC          |                |
| D14PMUFA | T_D14_MUFA    | D14PINB          | C13 T_D14_PINB |
|          |               | D14PINA          | C15 T_D14_PINA |
|          |               |                  |                |



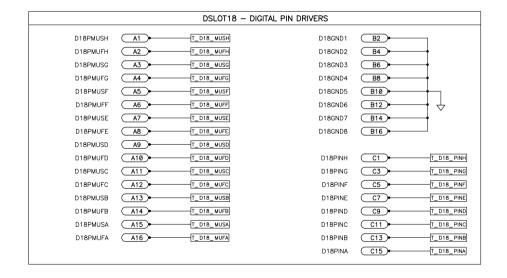
AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202 DIGITAL PIN DRIVERS

| Drawing no.             | Rev. |                            |
|-------------------------|------|----------------------------|
| 02-035657<br>(WTD01297) | С    | sh. <u>19</u> of <u>21</u> |

|          |       | DSLOT15 - DIGI | TAL PIN DRIVERS |               |
|----------|-------|----------------|-----------------|---------------|
| D15PMUSH |       | T_D15_MUSH     | D15GND1         | B2            |
| D15PMUFH |       | T_D15_MUFH     | D15GND2         | B4 •          |
| D15PMUSG |       | T_D15_MUSG     | D15GND3         | B6 •          |
| D15PMUFG |       | T_D15_MUFG     | D15GND4         | B8 •          |
| D15PMUSF | A5 •  | T_D15_MUSF     | D15GND5         | B10           |
| D15PMUFF |       | T_D15_MUFF     | D15GND6         | B12           |
| D15PMUSE |       | T_D15_MUSE     | D15GND7         | B14           |
| D15PMUFE |       | T_D15_MUFE     | D15GND8         | B16           |
| D15PMUSD | A9 •  | T_D15_MUSD     |                 |               |
| D15PMUFD | A10)• | T_D15_MUFD     | D15PINH         | C1 T_D15_PIN  |
| D15PMUSC | A11)• | T_D15_MUSC     | D15PING         | C3 T_D15_PIR  |
| D15PMUFC | A12   | T_D15_MUFC     | D15PINF         | C5 T_D15_PIN  |
| D15PMUSB | A13)• | T_D15_MUSB     | D15PINE         |               |
| D15PMUFB | A14)• | T_D15_MUFB     | D15PIND         | C9 T_D15_PIR  |
| D15PMUSA | A15)• | T_D15_MUSA     | D15PINC         |               |
| D15PMUFA | A16   | T_D15_MUFA     | D15PINB         | C13 T_D15_PIR |
|          |       |                | D15PINA         | C15 T_D15_PIN |

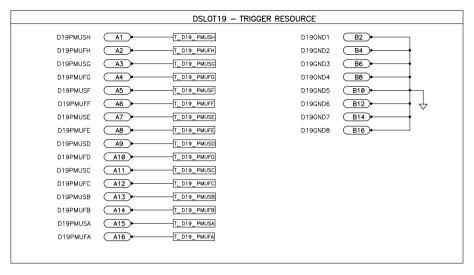
|          |               | DSLOT16 - DIGITA | AL PIN DRIVERS |           |
|----------|---------------|------------------|----------------|-----------|
| D16PMUSH |               | T_D16_MUSH       | D16GND1        | B2        |
| D16PMUFH |               | T_D16_MUFH       | D16GND2        | B4 •      |
| D16PMUSG |               | T_D16_MUSG       | D16GND3        | B6        |
| D16PMUFG |               | T_D16_MUFG       | D16GND4        | B8        |
| D16PMUSF | A5 •          | T_D16_MUSF       | D16GND5        | B10       |
| D16PMUFF |               | T_D16_MUFF       | D16GND6        | B12       |
| D16PMUSE |               | T_D16_MUSE       | D16GND7        | B14       |
| D16PMUFE |               | T_D16_MUFE       | D16GND8        | B16       |
| D16PMUSD |               | T_D16_MUSD       |                |           |
| D16PMUFD | A10 •         | T_D16_MUFD       | D16PINH        | C1        |
| D16PMUSC | <b>△</b> 11 • | T_D16_MUSC       | D16PING        | C3 T_D16  |
| D16PMUFC | A12           | T_D16_MUFC       | D16PINF        | C5 T_D16  |
| D16PMUSB | A13           | T_D16_MUSB       | D16PINE        | C7 T_D16  |
| D16PMUFB | △14)•         | T_D16_MUFB       | D16PIND        | C9 T_D16  |
| D16PMUSA | A15           | T_D16_MUSA       | D16PINC        | C11 T_D16 |
| D16PMUFA | ▲16 •         | T_D16_MUFA       | D16PINB        | C13 T_D16 |
|          |               |                  | D16PINA        | C15 T_D16 |

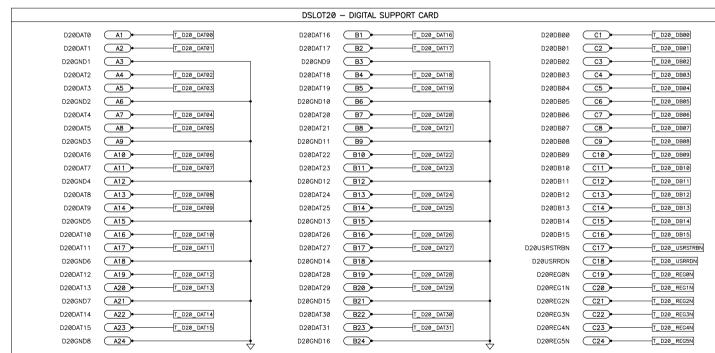
|          | DSLOT17 — DI   | GITAL PIN DRIVERS |                |
|----------|----------------|-------------------|----------------|
| D17PMUSH | T_D17_MUSH     | D17GND1           | B2 •           |
| D17PMUFH | A2 T_D17_MUFH  | D17GND2           | B4 •           |
| D17PMUSG |                | D17GND3           | B6 •           |
| D17PMUFG |                | D17GND4           | B8 •           |
| D17PMUSF | A5 T_D17_MUSF  | D17GND5           | B10            |
| D17PMUFF | A6 T_D17_MUFF  | D17GND6           | B12            |
| D17PMUSE | A7 T_D17_MUSE  | D17GND7           | B14)•          |
| D17PMUFE | A8 T_D17_MUFE  | D17GND8           | B16            |
| D17PMUSD | A9 T_D17_MUSD  |                   |                |
| D17PMUFD | A10 T_D17_MUFD | D17PINH           | C1 T_D17_PINH  |
| D17PMUSC | A11 T_D17_MUSC | D17PING           | C3 T_D17_PING  |
| D17PMUFC | A12 T_D17_MUFC | D17PINF           | C5 T_D17_PINF  |
| D17PMUSB | A13 T_D17_MUSB | D17PINE           |                |
| D17PMUFB | A14 T_D17_MUFB | D17PIND           | C9 T_D17_PIND  |
| D17PMUSA | T_D17_MUSA     | D17PINC           | C11 T_D17_PINC |
| D17PMUFA |                | D17PINB           | C13 T_D17_PINB |
|          |                | D17PINA           | C15 T_D17_PINA |



AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202 DIGITAL PIN DRIVERS

| Drawing no.             | Rev. |              |
|-------------------------|------|--------------|
| 02-035657<br>(WTD01297) | С    | Sh. 20 of 21 |





AD5750 CTS5400 32Ld LFCSP FINAL TEST SPEC #: GTL50202 TRIGGER RESOURCES DIGITAL SUPPORT CARD

| awing no.               | Rev. |                           |
|-------------------------|------|---------------------------|
| 02-035657<br>(WTD01297) | C    | sh. <u>21</u> of <u>2</u> |