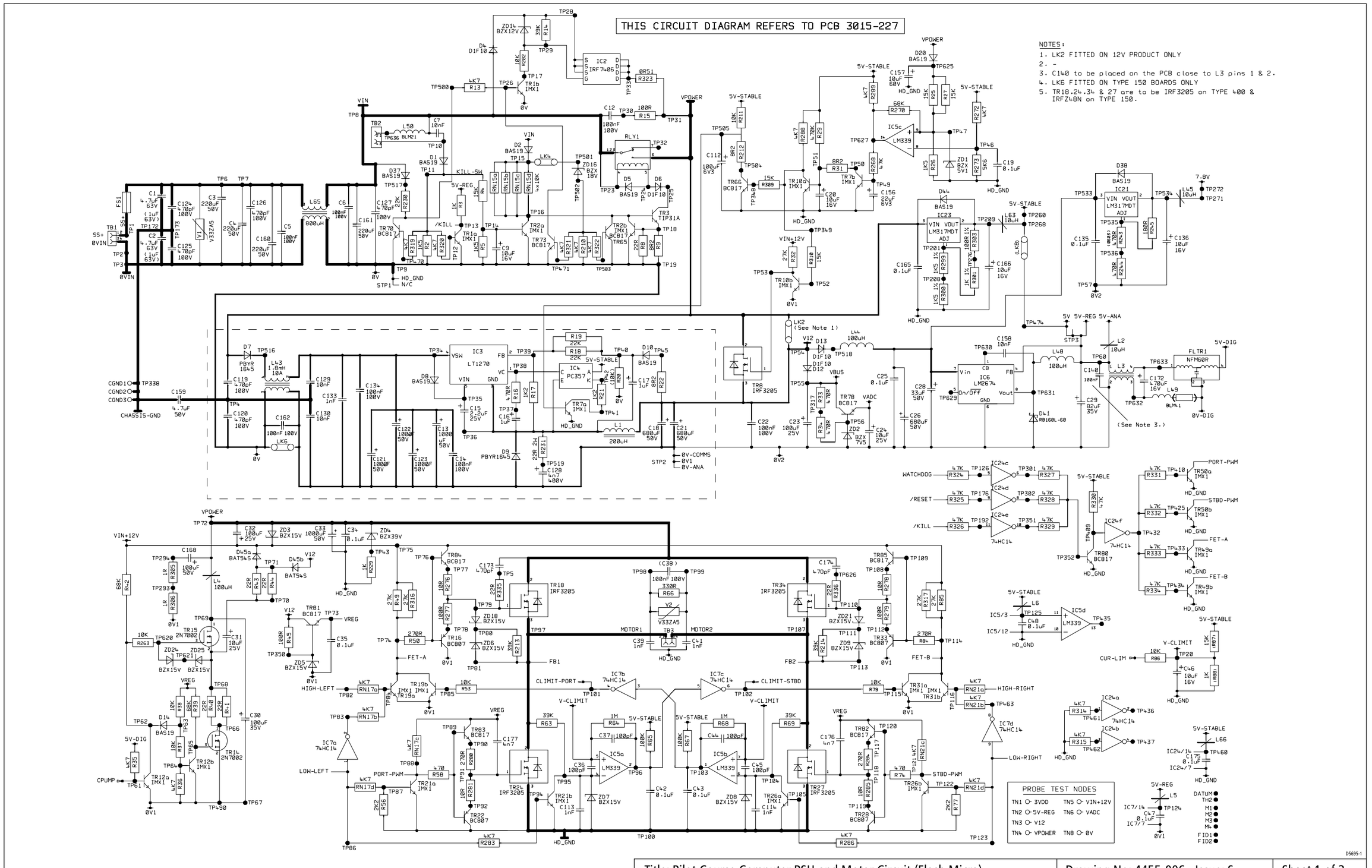



| Title: Pilot Course Computer PSU and Motor Circuit (Flash Micro) | Drawing No: 4455-006 Issue: S | Sheet 1 of 3 |
|---|---|---|

SEATALK

RATE GYRO

NMEA

| IC12 OPTIONS: | R337 | R338 | R339 | R344 |
|---|---|---|---|---|
| HCPL-0701 - SO8 | - | 0R0 | 4K7 | 1K2 |
| HCPL-0600 | 4K7 | 0R0 | 4K7 | - |

| IC14 OPTIONS: | FIT | | | | | | |
|---|---|---|---|---|---|---|---|
| | R192 | R193 | R194 | TR62 | R340 | R341 | R343 |
| HCPL-0701 - SO8 | 0R0 | - | 4K7 | - | - | 0R0 | 1K2 |
| HCPL-u701/PS8701 - SO5 [Mount on pins 2-7 of SO8] | 0R0 | - | 4K7 | - | 0R0 | 0R0 | - |
| PC357N4T - SO5 [Mount on pins 2,4,5,7 of SO8] | 1K0 | 10K | 10K | BC817 | 0R0 | 0R0 | - |

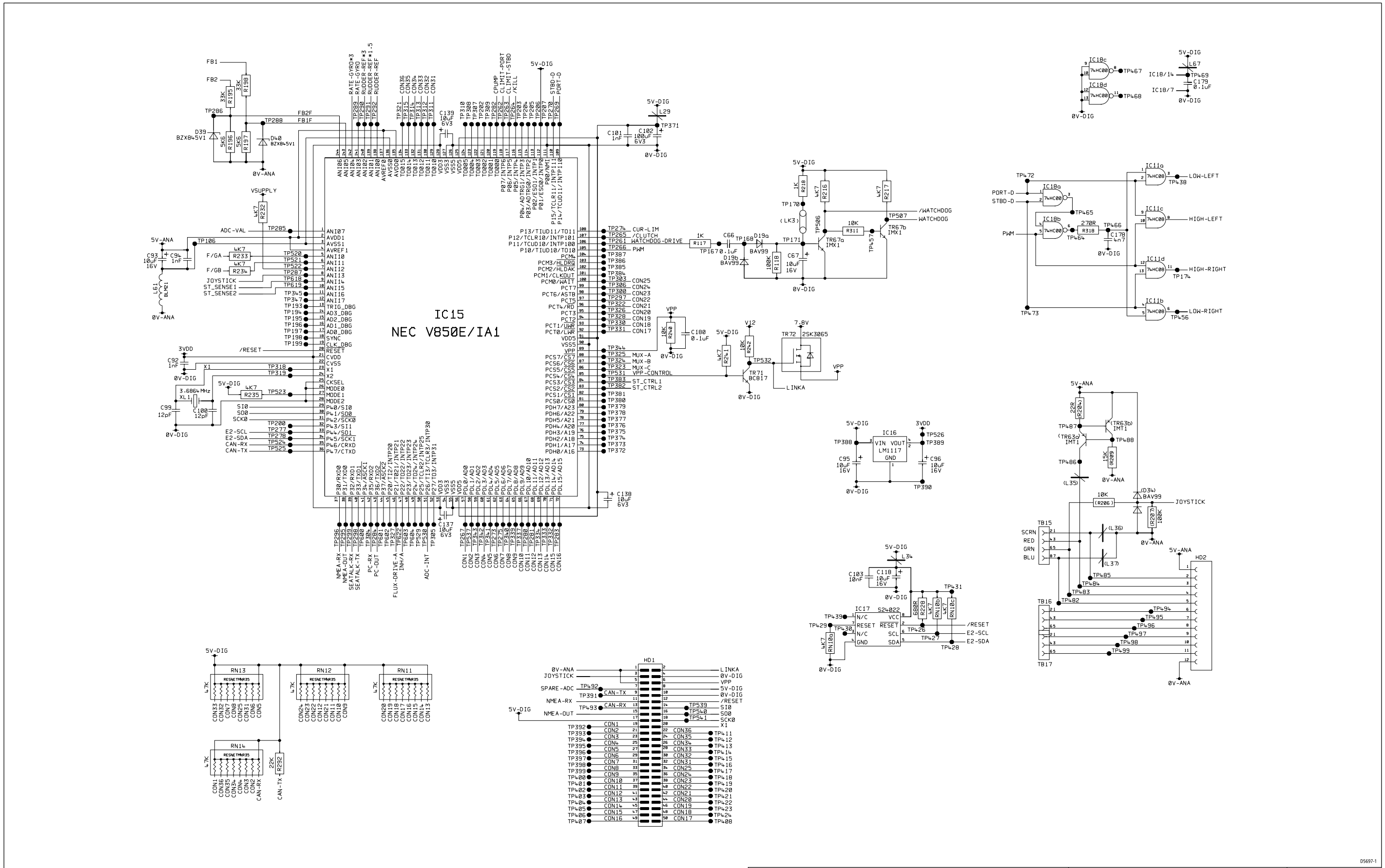
NOTES

▻ Indicates signal directly from / to processor

Fit 5Amp fuse to select 12V or 24V output
24V output only available on 24V systems
24V output will be 12V on 12V systems

D5696-1

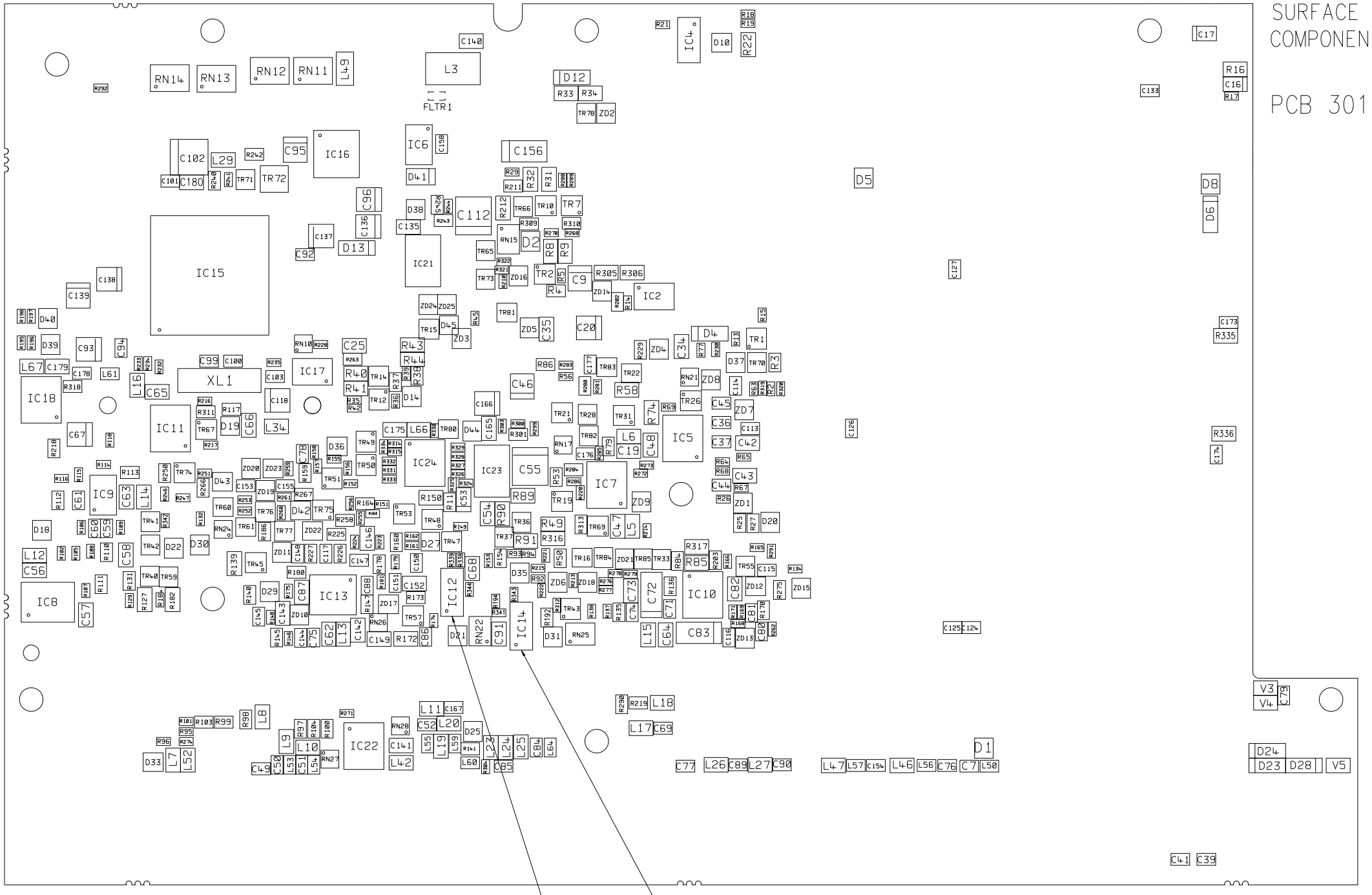
| Title: Pilot Course Computer (Flash Micro) | Drawing No: 4455-006 Issue: S | Sheet 2 of 3 |
|---|---|---|




| Title: Pilot Course Computer Micro (Flash Micro) | Drawing No: 4455-006 Issue: S | Sheet 3 of 3 |
|---|---|---|

SURFACE MOUNT
COMPONENT SIDE

PCB 3015-227




NOTES:

1. FOR CONVENTIONAL COMPONENTS, SEE SHEET 2.

TABLE 1.

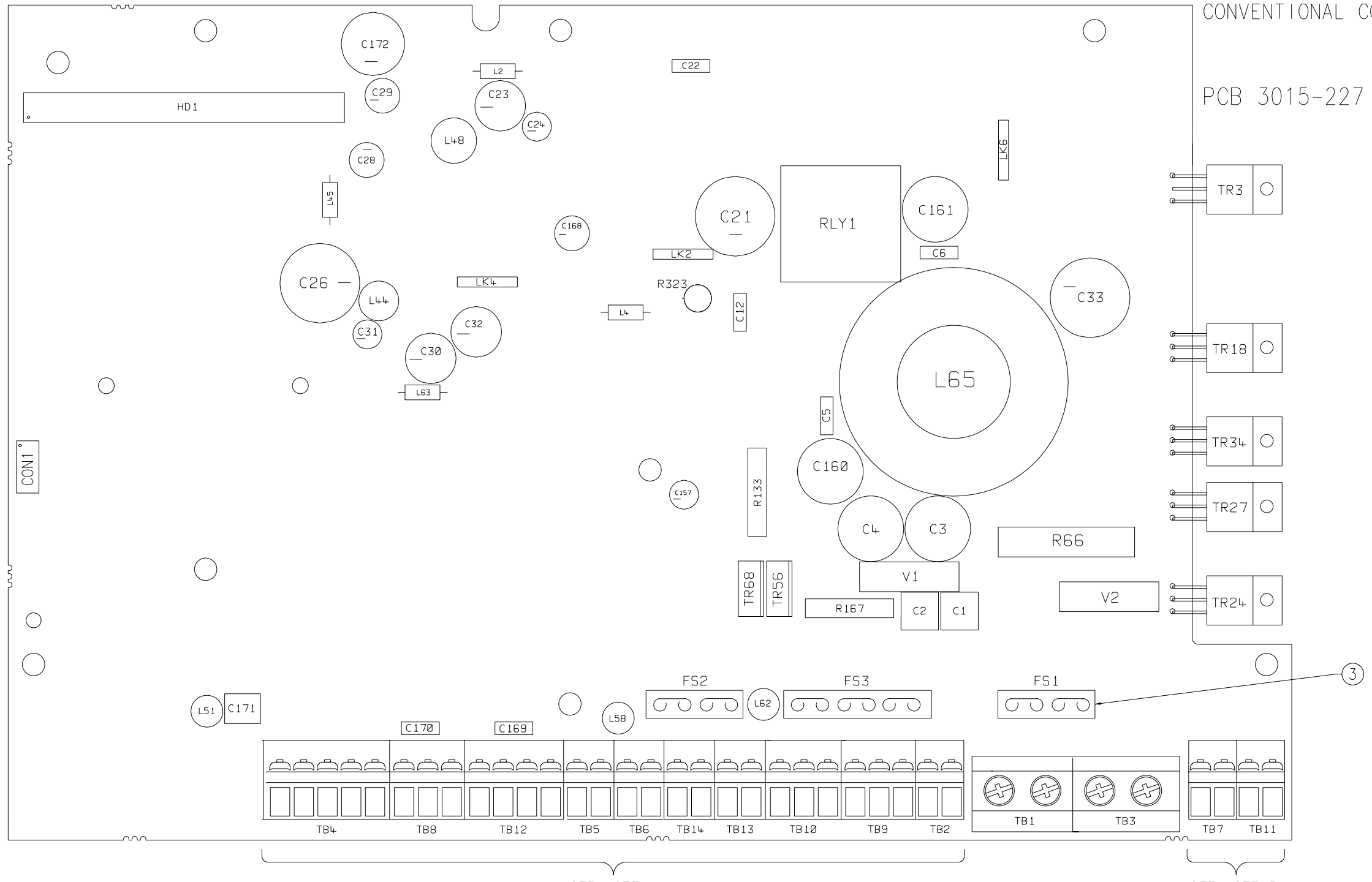
| IC12 OPTIONS : | R337 | R338 | R339 | R344 |
|---|---|---|---|---|
| HCPL-0701 | - | 0R0 | 4K7 | 1K2 |
| HCPL-0600 | 4K7 | 0R0 | 4K7 | - |

TABLE 2.

| IC14 OPTIONS : | R192 | R193 | R194 | TR62 | R340 | R341 | R343 |
|---|---|---|---|---|---|---|---|
| HCPL-0701 | 0R0 | - | 4K7 | - | - | 0R0 | 1K2 |
| HCPL-u701/PS8701 SO5 MOUNT ON SO8 PINS 2-7 | 0R0 | - | 4K7 | - | 0R0 | 0R0 | - |
| PC357N4T SO5 MOUNT ON SO8 PINS 2,4 5 & 7 | 1K0 | 10K | 10K | BC817 | 0R0 | 0R0 | - |

D5698-1

| Title: Flash Type 150 Course Computer | Drawing No: 4455-004 Issue: D | Sheet 1 of 2 |
|---|---|---|




NOTES:

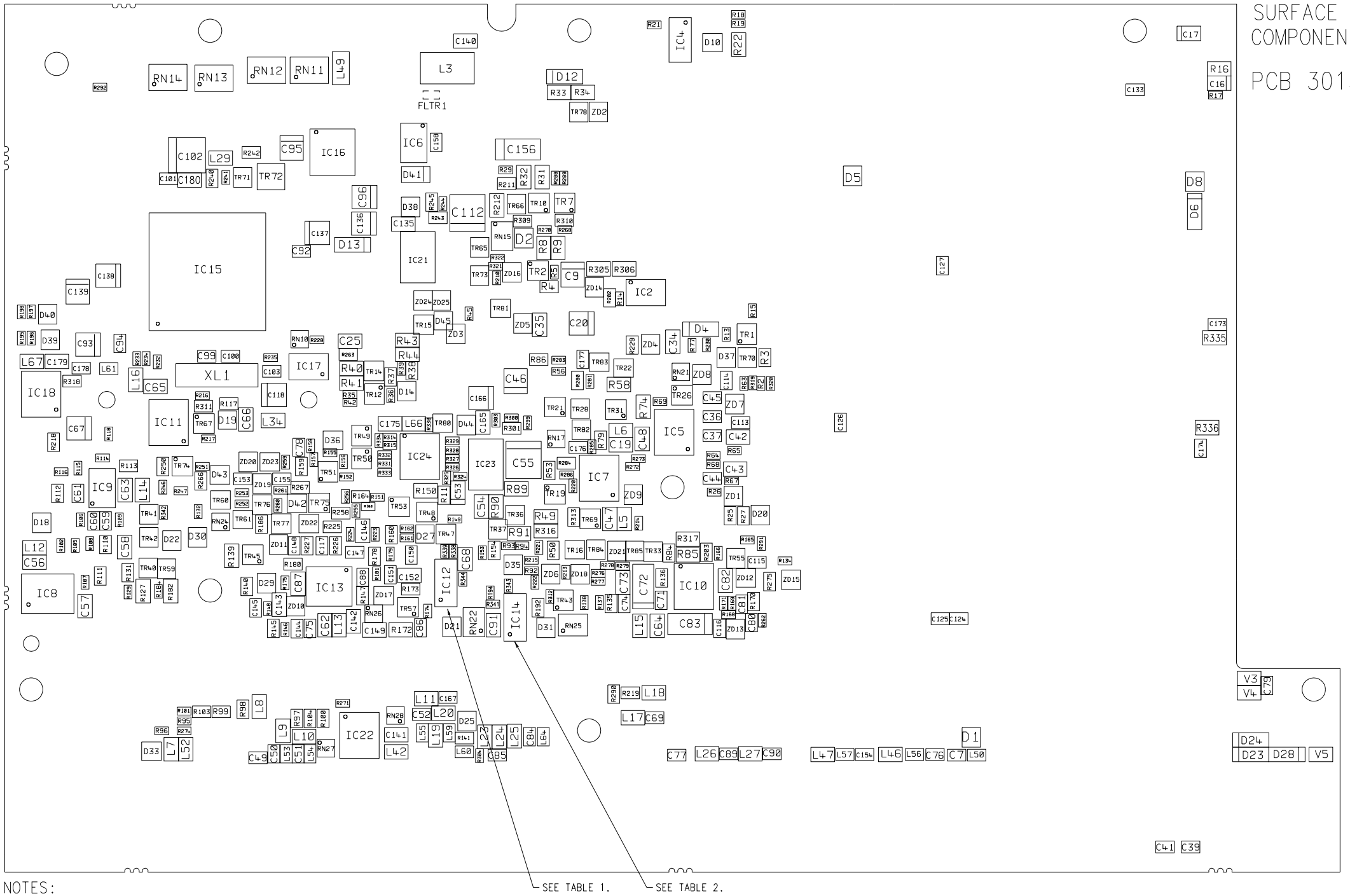
2. FOR SURFACE MOUNT COMPONENTS, SEE SHEET 1.
3. NOTE POLARITY OF FUSE HOLDERS.
4. TB2,4-6,8-10,12-14 COMPRISE A 25 WAY CONNECTOR STRIP, REFERRED TO AS TBA ON BOM.
5. TB7 & 11 COMPRISE A 4 WAY CONNECTOR STRIP, REFERRED TO AS TBC ON BOM.

D5699-1

| Title: Flash Type 150 Course Computer | Drawing No: 4455-004 Issue: D | Sheet 2 of 2 |
|---|---|---|

SURFACE MOUNT
COMPONENT SIDE

PCB 3015-227




NOTES:

1. FOR CONVENTIONAL COMPONENTS, SEE SHEET 2.

TABLE 1.

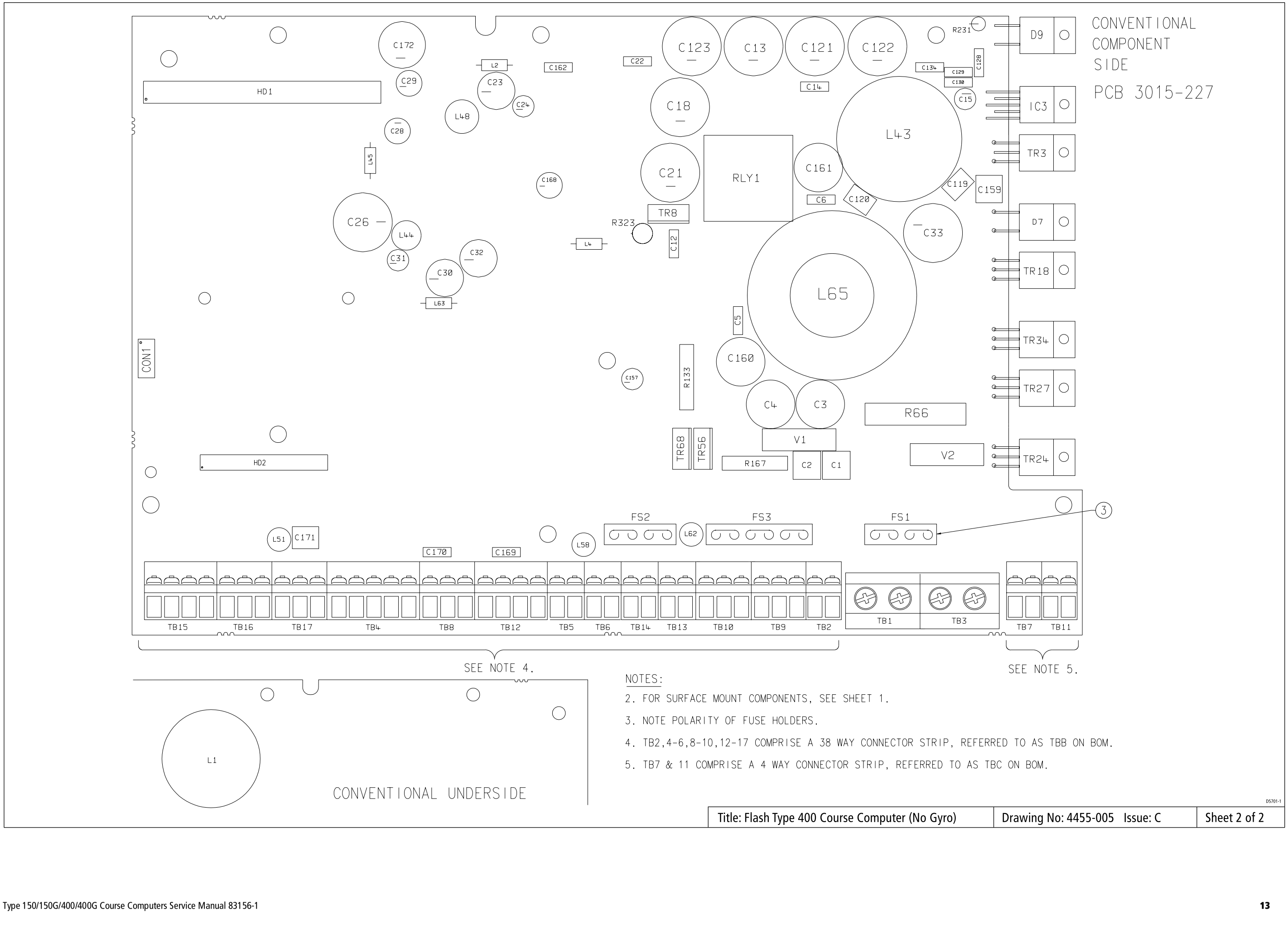
| IC12 OPTIONS : | R337 | R338 | R339 | R344 |
|---|---|---|---|---|
| HCPL-0701 | - | 0R0 | 4K7 | 1K2 |
| HCPL-0600 | 4K7 | 0R0 | 4K7 | - |

TABLE 2.

| IC14 OPTIONS : | R192 | R193 | R194 | TR62 | R340 | R341 | R343 |
|---|---|---|---|---|---|---|---|
| HCPL-0701 | 0R0 | - | 4K7 | - | - | 0R0 | 1K2 |
| HCPL-u701/PS8701 SO5 MOUNT ON SO8 PINS 2-7 | 0R0 | - | 4K7 | - | 0R0 | 0R0 | - |
| PC357N4T SO5 MOUNT ON SO8 PINS 2,4 5 & 7 | 1K0 | 10K | 10K | BC817 | 0R0 | 0R0 | - |

D5700-1

| Title: Flash Type 400 Course Computer (No Gyro) | Drawing No: 4455-005 Issue: C | Sheet 1 of 2 |
|---|---|---|




NOTES:

2. FOR SURFACE MOUNT COMPONENTS, SEE SHEET 1.
3. NOTE POLARITY OF FUSE HOLDERS.
4. TB2,4-6,8-10,12-17 COMPRISE A 38 WAY CONNECTOR STRIP, REFERRED TO AS TBB ON BOM.
5. TB7 & 11 COMPRISE A 4 WAY CONNECTOR STRIP, REFERRED TO AS TBC ON BOM.

DS701-1

| Title: Flash Type 400 Course Computer (No Gyro) | Drawing No: 4455-005 Issue: C | Sheet 2 of 2 |
|---|---|---|