MICROTAPE PERIPHERAL TEST SEQUENCE
FINAL TESTER

```
        START TEST        T0
              |
              |
        POWER UP
        SET PS TO HI
        TEST CURRENT
      TEST BUS CONTINUITY
              |
    UUT COMMUNICATION TEST
    |--------------------|
    |  FORMAT WAFER      |T1
    |                    |
    |  WAIT FOR RESPONSE |
    |  STORE RESPONSE    |
    |  CHECK RESPONSE    |
    |--------------------|
              |
              |
    TEST WRITE TO WAFER
    |--------------------|
    |  OPEN FILE         |T2
    |  NAME = TEST       |
    |  CHECK RESPONSE    |
    |                    |
    |  WRITE FILE TO     |T3
    |  TAPE              |
    |  CHECK RESPONSE    |
    |                    |
    |  CLOSE FILE        |T4
    |  CHECK RESPONSE    |
    |--------------------|
              |
              |
    TEST READ FROM WAFER
    |--------------------|
    |  SET PS TO LOW     |
    |  OPEN FILE         |T5
    |  NAME = TEST       |
    |  CHECK RESPONSE    |
    |                    |
    |  READ FILE         |T6
    |  STORE RESPONSE    |
    |  DATA              |
    |  CHECK DATA        |
    |                    |
    |  CLOSE FILE        |T7
    |  CHECK RESPONSE    |
    |--------------------|
              |
              |
          PASS EOT
(TEST TIME = 60 sec with 5ft tape)
```

MICROTAPE PERIPHERAL TEST SEQUENCE
PCB TESTER

```
     START TEST       T0
         |
         |
     POWER UP
   SET PS TO HI
   TEST CURRENT
TEST BUS CONTINUITY          |------->------|
         |                   |              |
         |                   |              |
UUT FUNCTIONAL TEST          |     TEST READ FROM WAFER
|-------------------|        |     |-------------------|
|  FORMAT WAFER     |T1      |     |  SET PS TO LOW    |T6
|  TEST WP SENSE NP |        ^     |  OPEN FILE        |
|  TEST ACT LED     |        |     |  NAME = TEST      |
|  TEST V+5         |        |     |  TEST VM(M/m LOAD |
|  TEST V+A         |        |     |  SIMULATE TAPE    |
|  TEST VM(M/m LOAD)|        |     |  CHECK RESPONSE   |
|  TEST EOT SENSE   |        |     |                   |
|  CHECK RESPONSE   |        |     |  READ FILE        |T7
|  TEST WRITE LEVELS|        ^     |  SIMULATE TAPE    |
|  STORE RESPONSE   |        |     |  STORE RESPONSE   |
|  CHECK RESPONSE   |        |     |  CHECK DATA       |
|-------------------|        |     |                   |
         |                   |     |  CLOSE FILE       |T8
         |                   |     |  CHECK RESPONSE   |
WRITE PROTECT SENSE TEST     |     |-------------------|
|-------------------|        ^           |
|  SEND FORMAT CMD  |T2      |           |
|  TEST WP SENSE  P |        |        PASS EOT
|  CHECK STAT RESP  |        |
|-------------------|        |
         |                   |    (TEST TIME = 15 sec.  EST.)
         |                   |
TEST WRITE TO WAFER          |
|-------------------|        |
|  OPEN FILE        |T3      |
|  NAME = TEST      |        |
|  CHECK RESPONSE   |        |
|                   |        ^
|  WRITE FILE TO    |T4      |
|  TAPE             |        |
|  CHECK RESPONSE   |        |
|                   |        |
|  CLOSE FILE       |T5      |
|  CHECK RESPONSE   |        |
|-------------------|        |
         |                   |
         |                   |
         |---------->--------|
```