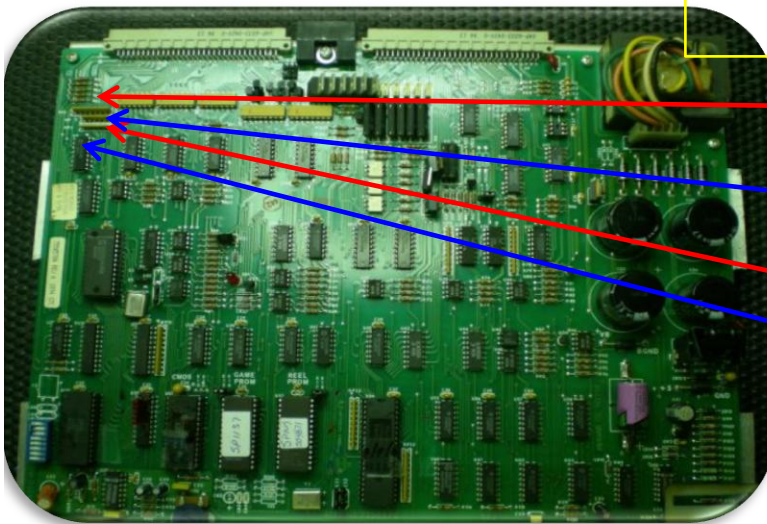


## REEL TILT PROBLEMS

Prior to checking MPU, please check the following;

- 1 Input test 40 to 44 to verify problem
- 2 Check voltage across pins 8 and 9 of reel molex plug  
Should read 10 to 11vdc on your multimeter

If problem is defiantly CPU

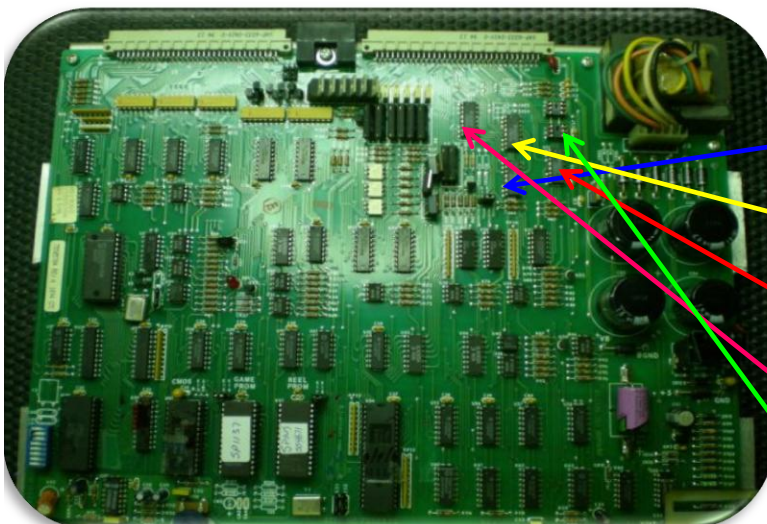


- possible;
- 1 RP1 10K resistor network  
check 100%  
Pin to pin should be 10K ohm
  - 2 RP2 10K resistor network
  - 3 RP3 10K resistor network
  - 4 U4 reel 1  
scope out pins 3/2  
reel 2  
scope out pins 5/4  
reel 3  
scope out pins 7/5  
reel 4  
scope out pins 9/10  
reel 5  
scope out pins 11/12

*any bad reading against a good board  
change out.  
Usual problem is this IC,  
Hex invert buffer 4049UB*

## REEL TILT PROBLEMS

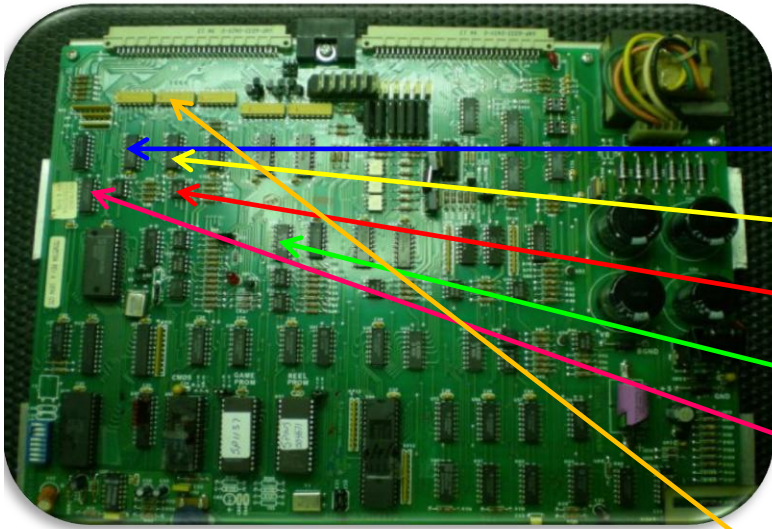
### Dead reels



- |        |     |
|--------|-----|
| Reel 1 | U10 |
| Reel 2 | U2  |
| Reel 3 | U11 |
| Reel 4 | U1  |
| Reel 5 | U3  |

u1,u2,u3,u10,u11

REPLACE WITH TY40477SAA



OTHER IC's in reel circuit to be aware of.

U5 4021

U6 4021

U14 6N139

U21 ULN2003

U12 4584

&

RP5 1K