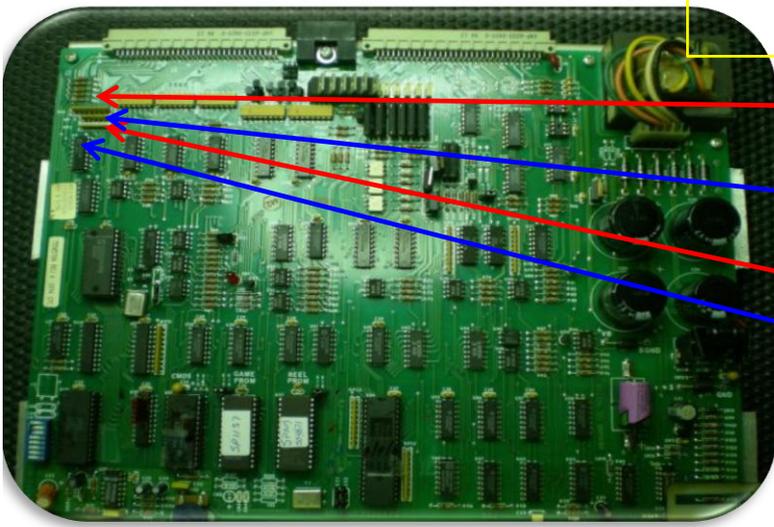


REEL TILT PROBLEMS

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

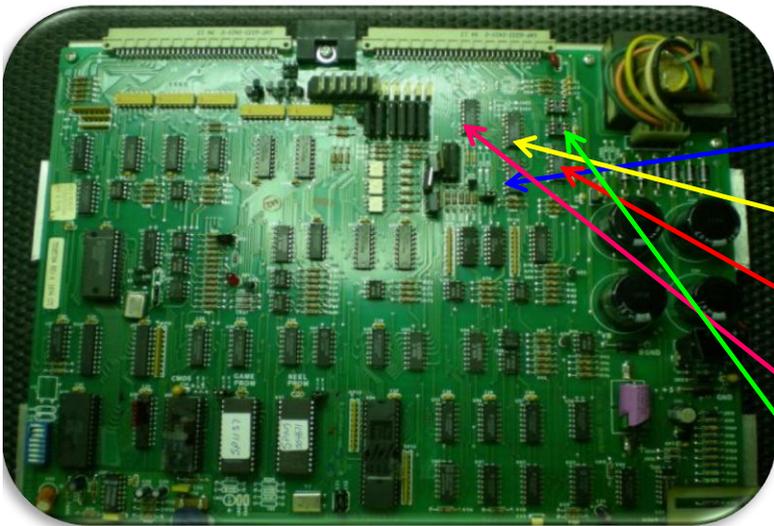


- possible;
- 1 RP1 10K resistor network
check 100%
Pin to pin should be 10K ohm
- 2 RP2 10K resistor network
- 3 RP3 10K resistor network
- 4 **U4** reel 1
scope out pins 3/2
reel 2
scope out pins 5/4
reel 3
scope out pins 7/5
reel 4
scope out pins 9/10
reel 5
scope out pins 11/12

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

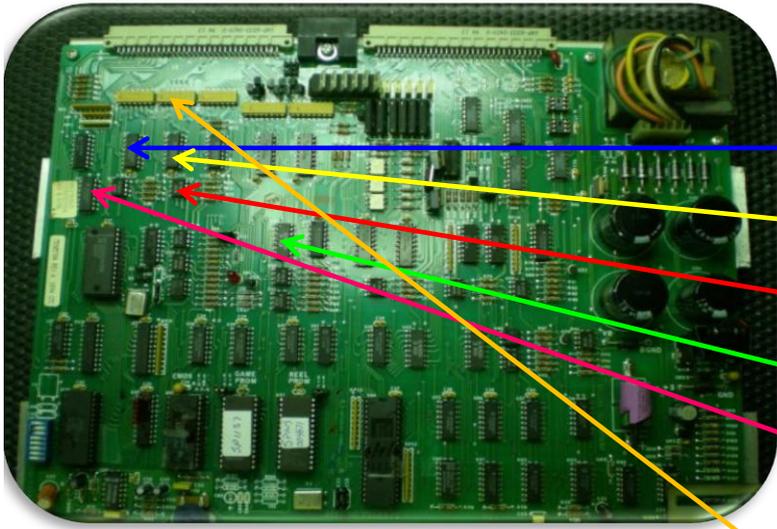
REEL TILT PROBLEMS

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