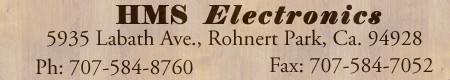
[](http://www.hms-electronics.com/slot_machines/summit%20systems%20slot%20machine%20parts.htm)

Summit Systems Slot Machine -- Interface Control Circuits --

|  |  |  |
| --- | --- | --- |
| Signal/Function | Opto-coupler | Triac Drive |
| REL1 (STOP COIL REEL 1) | U1 (MOC3010) or (MOC3009) | Q1 |
| REL2 (STOP COIL REEL 2) | U2  (MOC3010) or (MOC3009) | Q2 |
| REL3 (STOP COIL REEL 3) | U3 (MOC3010) or (MOC3009) | Q3 |
| REL4 (STOP COIL REEL 4) | U4 (MOC3010) or (MOC3009) | Q4 |
| REL5 (STOP COIL REEL 5) | U5 (MOC3010) or (MOC3009) | Q5 |
| HPRN (HOPPER RUN) | U6 (MOC3030) or (MOC3031) | Q6 |
| HPSF (HOPPER SAFE) | U7 (MOC3030) or (MOC3031) | Q7 |
| CLKT (COIN LOCKOUT) | U8 (MOC3030) or (MOC3031) | Q8 |
| CDVT (COIN DIVERTER) | U9 (MOC3030) or (MOC3031) | Q9 |
| HNRL (HANDLE RELEASE) | U10 (MOC3030) or (MOC3031) | Q10 |
| CIMT (COIN IN METER) | U11 (MOC3030) or (MOC3031) | Q11 |
| TTL (TILT TOWER LIGHT) | U12 (MOC3010) or (MOC3009) | Q12 |
| JPBL (JACKPOT BELL) | U13 (MOC3010) or (MOC3009) | Q13 |
| TLI (TOWER LIGHT-W/PAYOUT) | U14 (MOC3010) or (MOC3009) | Q14 |
| CIN5 (COIN IN 5 LIGHT) | U15 (MOC3010) or (MOC3009) | Q15 |
| CIN1 (COIN IN LIGHT 1) | U16 (MOC3010) or (MOC3009) | Q16 |
| CIN2 (COIN IN LIGHT 2) | U17 (MOC3010) or (MOC3009) | Q17 |
| CIN6 (COIN IN LIGHT 6) | U18 (MOC3010) or (MOC3009) | Q18 |
| CACL (COIN ACCEPTED LIGHT) | U19 (MOC3010) or (MOC3009) | Q19 |
| INCL (INSERT COIN LIGHT) | U20 (MOC3010) or (MOC3009) | Q20 |
| CIN3 (COIN IN 3 LIGHT) | U21 (MOC3010) or (MOC3009) | Q21 |
| CIN4 (COIN IN 4 LIGHT) | U22 (MOC3010) or (MOC3009) | Q22 |

Note: HPSF and HPRN are both required to run the hopper.  HPSF is a pulsing signal that keeps the hopper from timing out.

MOC3030 is a zero crossing type (eliminates EMI from coils)

MOC3009 is non zero crossing (used for lights).  Used on the stop solenoids.