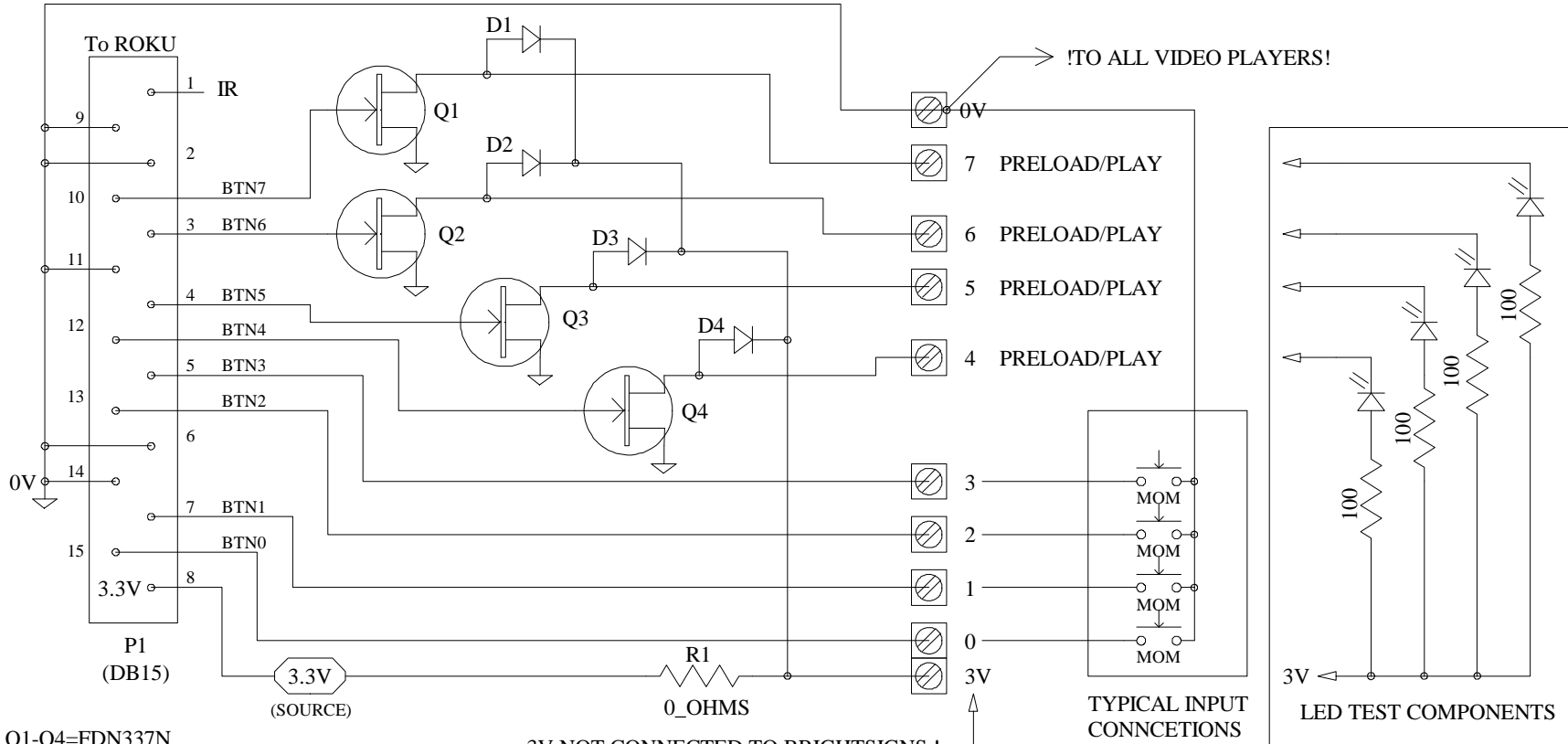


NOTE: ALL BRIGHTSIGN INPUTS (BTN'S) ARE NORMALLY HIGH (3.3V), PULL THEM LOW WITH A SWITCH TO 0V



Q1-Q4=FDN337N
D1-D4=PME6002EJ115

SET INITIAL STATE OF BTN4-BTN7 LOW (FALSE)
SET BTN4-BTN7 HIGH TO SEND 'START/SYNC' SIGNAL
(OUTPUTS 4-7 GO LOW WHEN BTN4-7 GO HIGH)

MAXIMUM CURRENT 1 AMPERE EACH OUTPUT
MAXIMUM BRIGHTSIGN SLAVES = 100

| | | |
|----------|---|-----------------|
| Comp. | HMS ELECTRONICS | |
| no. | SYNC_BOARD_S.DBF | |
| name | 4 INPUT, 4 OUTPUT W/HIGH CURRENT DRIVERS | |
| Org | 05-04-2011 02-07-2012 | Rev 1 |
| Engineer | Richard Harkey | HMS Electronics |