# SYSTEM CONTROL & SERVO ICs DC VOLTAGE CHART (SP MODE)

| Ref. No. | IC1501 | | | | | IC1502 | | | | IC2001 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MODE | 1 | 2 | 3 | 4 | | 1 | 2 | 3 | | 1 | 2 | 3 | 4 | 5 | 6 | | | | | |
| STOP | 1.2 | 2.4 | 5.0 | 0.0 | | 0.0 | 1.3 | 5.0 | | 6.1 | 0.0 | 4.9 | 1.2 | 0.0 | 5.0 | | | | | |
| PLAY | 1.2 | 2.4 | 5.0 | 0.0 | | 0.0 | 1.3 | 5.0 | | 6.1 | 0.0 | 4.9 | 1.2 | 0.0 | 5.0 | | | | | |
| REC | 1.2 | 2.4 | 2.5 | 0.0 | | 0.0 | 1.3 | 4.9 | | 6.0 | 0.0 | 4.9 | 1.2 | 0.0 | 5.0 | | | | | |
| F.F | 1.2 | 2.4 | 2.6 | 0.0 | | 0.0 | 1.3 | 2.5 | | 6.5 | 0.0 | 4.9 | 1.2 | 0.0 | 5.0 | | | | | |
| REW | 1.2 | 2.4 | 2.5 | 0.0 | | 0.0 | 1.3 | 2.4 | | 6.3 | 0.0 | 4.9 | 1.2 | 0.0 | 5.0 | | | | | |
| Ref. No. | IC2501 | | | | | | | | | | | | | | | | | | | |
| MODE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| STOP | 12.2 | 0.3 | 0.0 | 0.3 | 0.0 | 0.0 | 16.2 | 0.0 | 2.9 | 1.7 | 1.6 | 0.7 | 1.5 | 2.4 | 2.5 | 2.5 | 2.5 | 1.3 | 5.0 | 3.5 |
| PLAY | 12.3 | 4.8 | 0.0 | 4.8 | 0.0 | 0.0 | 16.3 | 0.0 | 2.8 | 1.7 | 1.7 | 0.7 | 1.4 | 2.4 | 2.5 | 2.5 | 2.5 | 1.3 | 5.0 | 3.6 |
| REC | 12.2 | 0.5 | 0.0 | 0.9 | 0.0 | 0.0 | 16.3 | 0.0 | 2.9 | 1.6 | 1.7 | 0.7 | 1.5 | 2.4 | 2.5 | 2.5 | 2.5 | 1.3 | 5.0 | 3.5 |
| F.F | 12.2 | 0.3 | 0.0 | 0.3 | 0.0 | 0.0 | 16.2 | 0.0 | 2.9 | 1.7 | 1.7 | 0.7 | 1.5 | 2.4 | 2.5 | 2.5 | 2.5 | 1.3 | 5.0 | 3.5 |
| REW | 12.3 | 0.4 | 0.0 | 0.4 | 0.0 | 0.0 | 16.2 | 0.0 | 2.8 | 1.7 | 1.7 | 0.7 | 1.5 | 2.4 | 2.5 | 2.5 | 2.5 | 1.3 | 5.0 | 3..9 |
| Ref. No. | IC2501 | | | | | | | | | | | | | | | | | | | |
| MODE | 21 | 22 | 23 | 24 | 25 | | | | | | | | | | | | | | | |
| STOP | 12.2 | 3.5 | 3.5 | 0.0 | 3.5 | | | | | | | | | | | | | | | |
| PLAY | 12.3 | 3.6 | 3.6 | 0.1 | 3.6 | | | | | | | | | | | | | | | |
| REC | 12.2 | 3.6 | 3.5 | 0.0 | 3.6 | | | | | | | | | | | | | | | |
| F.F | 12.3 | 3.5 | 3.5 | 0.0 | 3.5 | | | | | | | | | | | | | | | |
| REW | 12.3 | 3.6 | 3.8 | 0.1 | 3.6 | | | | | | | | | | | | | | | |
| Ref. No. | IC6001 | | | | | | | | | | | | | | | | | | | |
| MODE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| STOP | 2.6 | 0.0 | 5.0 | 4.9 | 3.9 | 2.6 | 4.9 | 0.0 | 0.1 | 0.1 | 0.0 | 5.1 | 0.0 | 5.1 | 0.0 | 0.0 | 4.9 | 0.0 | 0.0 | 0.0 |
| PLAY | 2.6 | 0.0 | 5.0 | 4.9 | 3.9 | 2.6 | 5.1 | 0.0 | 1.9 | 0.1 | 4.9 | 5.1 | 0.0 | 5.1 | 0.0 | 0.0 | 4.9 | 2.5 | 2.5 | 0.0 |
| REC | 2.6 | 0.0 | 5.0 | 4.9 | 3.9 | 2.6 | 5.0 | 0.0 | 0.0 | 0.1 | 4.9 | 5.1 | 0.0 | 5.1 | 0.0 | 0.0 | 4.9 | 2.5 | 0.0 | 0.0 |
| F.F | 2.6 | 0.0 | 4.7 | 4.9 | 3.9 | 2.6 | 5.0 | 0.0 | 0.2 | 0.1 | 4.9 | 5.1 | 0.0 | 5.1 | 0.0 | 0.0 | 4.9 | 2.5 | 0.0 | 0.0 |
| REW | 2.6 | 0.0 | 4.7 | 4.9 | 3.9 | 2.6 | 5.1 | 0.0 | 0.2 | 0.1 | 4.9 | 5.1 | 0.0 | 5.1 | 0.0 | 0.0 | 4.9 | 2.5 | 0.0 | 0.0 |
| Ref. No. | IC6001 | | | | | | | | | | | | | | | | | | | |
| MODE | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| STOP | 0.0 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 4.3 | 0.0 | 4.9 | 4.9 | 4.9 | 4.9 | 1.6 | 1.6 | 4.9 | - | - | 0.0 |
| PLAY | 0.0 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 4.3 | 0.0 | 4.9 | 4.9 | 0.0 | 5.0 | 1.8 | 1.7 | 5.0 | - | - | 0.0 |
| REC | 0.0 | 4.9 | 0.0 | 4.9 | 0.0 | 0.0 | 4.3 | 0.0 | 4.3 | 0.0 | 4.9 | 4.9 | 0.0 | 4.9 | 1.6 | 1.6 | 4.9 | - | - | 0.0 |
| F.F | 0.0 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 4.3 | 4.9 | 4.9 | 0.0 | 0.0 | 4.9 | 1.6 | 1.6 | 4.9 | - | - | 0.0 |
| REW | 0.0 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 4.3 | 4.9 | 4.9 | 0.0 | 0.0 | 4.9 | 1.6 | 1.6 | 4.9 | - | - | 0.0 |
| Ref. No. | IC6001 | | | | | | | | | | | | | | | | | | | |
| MODE | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| STOP | 4.4 | 0.1 | 0.0 | 4.8 | 4.8 | 0.0 | 1.5 | 2.2 | 0.0 | 2.3 | 0.0 | 2.3 | 5.1 | 2.1 | 1.7 | 2.0 | 0.0 | 0.6 | 0.0 | 0.2 |
| PLAY | 4.3 | 0.1 | 0.0 | 4.8 | 4.8 | 0.0 | 1.5 | 2.2 | 0.0 | 2.3 | 0.0 | 2.3 | 5.2 | 2.1 | 1.8 | 2.0 | 0.0 | 0.7 | 0.0 | 0.2 |
| REC | 4.4 | 0.1 | 0.0 | 4.7 | 4.7 | 0.0 | 1.5 | 2.2 | 0.0 | 2.3 | 0.0 | 2.3 | 5.1 | 2.1 | 1.8 | 2.0 | 0.0 | 0.8 | 0.0 | 0.2 |
| F.F | 4.4 | 0.1 | 0.0 | 3.0 | 3.0 | 0.0 | 1.5 | 2.2 | 0.0 | 2.3 | 0.0 | 2.3 | 5.2 | 2.1 | 1.7 | 2.0 | 0.0 | 0.6 | 0.0 | 0.2 |
| REW | 4.4 | 0.1 | 0.0 | 3.0 | 3.0 | 0.0 | 1.5 | 2.2 | 0.0 | 2.3 | 0.0 | 2.3 | 5.2 | 2.1 | 2.2 | 2.0 | 0.0 | 0.6 | 0.0 | 0.2 |
| Ref. No. | IC6001 | | | | | | | | | | | | | | | | | | | |
| MODE | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| STOP | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.3 | 4.0 | 3.8 | 2.4 | 0.0 | 0.0 | 0.0 | 2.4 | 5.1 | 4.8 | 5.0 |
| PLAY | 0.0 | 4.9 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 4.0 | 4.0 | 4.3 | 4.0 | 3.8 | 2.5 | 0.0 | 0.0 | 2.5 | 2.4 | 5.2 | 5.0 | 3.4 |
| REC | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 4.1 | 4.1 | 4.3 | 4.0 | 3.8 | 2.4 | 0.0 | 0.0 | 2.5 | 2.4 | 5.1 | 4.8 | 3.3 |
| F.F | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 4.1 | 4.1 | 4.3 | 4.0 | 3.8 | 2.4 | 0.0 | 0.0 | 2.7 | 2.4 | 5.1 | 2.2 | 2.3 |
| REW | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 4.1 | 4.1 | 4.3 | 4.0 | 3.8 | 2.4 | 4.9 | 0.0 | 3.1 | 2.4 | 5.1 | 2.5 | 2.5 |
| Ref. No. | IC6001 | | | | | | | | | | | | | | | | | | | |
| MODE | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| STOP | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 | 0.0 | 0.0 | 1.3 | 2.6 | 2.6 | 0.0 | 2.5 | 2.5 | 2.5 | 2.5 | 5.1 | 5.1 | 5.1 |
| PLAY | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 | 0.0 | 0.0 | 1.3 | 2.6 | 2.6 | 0.0 | 2.5 | 2.5 | 2.6 | 2.6 | 5.1 | 5.2 | 5.1 |
| REC | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 | 0.0 | 0.0 | 1.3 | 2.6 | 2.6 | 0.0 | 2.3 | 2.7 | 2.5 | 2.5 | 5.1 | 5.1 | 5.1 |
| F.F | 4.9 | 1.7 | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 | 0.0 | 0.0 | 1.3 | 2.6 | 2.6 | 0.0 | 2.5 | 2.5 | 2.6 | 2.5 | 5.1 | 5.1 | 5.1 |
| REW | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 | 0.0 | 0.0 | 1.3 | 2.6 | 2.6 | 0.0 | 2.5 | 2.5 | 2.6 | 2.7 | 5.2 | 5.2 | 5.1 |
| Ref. No. | IC6002 | | | | | | IC6003 | | | | | | | | | | | | | |
| MODE | 1 | 2 | 3 | 4 | 5 | | 1 | 2 | 3 | | | | | | | | | | | |
| STOP | 5.1 | 5.1 | 0.0 | - | - | | 5.1 | 0.0 | 5.1 | | | | | | | | | | | |
| PLAY | 5.2 | 5.1 | 0.0 | - | - | | 5.1 | 0.0 | 5.1 | | | | | | | | | | | |
| REC | 5.1 | 5.1 | 0.0 | - | - | | 5.1 | 0.0 | 5.1 | | | | | | | | | | | |
| F.F | 5.2 | 5.2 | 0.0 | - | - | | 5.1 | 0.0 | 5.1 | | | | | | | | | | | |
| REW | 5.1 | 5.2 | 0.0 | - | - | | 5.1 | 0.0 | 5.1 | | | | | | | | | | | |

# SYSTEM CONTROL & SERVO TRs DC VOLTAGE CHART (SP MODE)

| Ref. No. | Q1501 | | | | Q1502 | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MODE | + | – | | | + | – | | | | | | | | | | | | | | |
| STOP | 4.9 | 0.0 | | | 5.1 | 0.0 | | | | | | | | | | | | | | |
| PLAY | 4.9 | 0.0 | | | 5.1 | 0.0 | | | | | | | | | | | | | | |
| REC | 4.9 | 0.0 | | | 5.1 | 0.0 | | | | | | | | | | | | | | |
| F.F | 4.9 | 0.0 | | | 5.1 | 0.0 | | | | | | | | | | | | | | |
| REW | 4.9 | 0.0 | | | 5.1 | 0.0 | | | | | | | | | | | | | | |