

| DEC | INPUTS | | | | | | OUT |
|-----|--------|---|---|---|---|---|-----|
| | A | B | C | D | E | F | Z |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| 6 | 0 | 0 | 0 | 1 | 1 | 0 | 1 |
| 7 | 0 | 0 | 0 | 1 | 1 | 1 | 0 |
| 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| 10 | 0 | 0 | 1 | 0 | 1 | 0 | 1 |
| 11 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| 12 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| 13 | 0 | 0 | 1 | 1 | 0 | 1 | 0 |
| 14 | 0 | 0 | 1 | 1 | 1 | 0 | 1 |
| 15 | 0 | 0 | 1 | 1 | 1 | 1 | 0 |
| 16 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| 17 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| 18 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| 19 | 0 | 1 | 0 | 0 | 1 | 1 | 1 |
| 20 | 0 | 1 | 0 | 1 | 0 | 0 | 1 |
| 21 | 0 | 1 | 0 | 1 | 0 | 1 | 1 |
| 22 | 0 | 1 | 0 | 1 | 1 | 0 | 0 |
| 23 | 0 | 1 | 0 | 1 | 1 | 1 | 1 |
| 24 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 25 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| 26 | 0 | 1 | 1 | 0 | 1 | 0 | 1 |
| 27 | 0 | 1 | 1 | 0 | 1 | 1 | 0 |
| 28 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| 29 | 0 | 1 | 1 | 1 | 0 | 1 | 0 |
| 30 | 0 | 1 | 1 | 1 | 1 | 0 | 1 |
| 31 | 0 | 1 | 1 | 1 | 1 | 1 | 0 |
| 32 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| 34 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| 35 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| 36 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| 37 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| 38 | 1 | 0 | 0 | 1 | 1 | 0 | 1 |
| 39 | 1 | 0 | 0 | 1 | 1 | 1 | 0 |
| 40 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| 41 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| 42 | 1 | 0 | 1 | 0 | 1 | 0 | 1 |
| 43 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| 44 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| 45 | 1 | 0 | 1 | 1 | 0 | 1 | 0 |
| 46 | 1 | 0 | 1 | 1 | 1 | 0 | 1 |
| 47 | 1 | 0 | 1 | 1 | 1 | 1 | 0 |
| 48 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 49 | 1 | 1 | 0 | 0 | 0 | 1 | 0 |
| 50 | 1 | 1 | 0 | 0 | 1 | 0 | 1 |
| 51 | 1 | 1 | 0 | 0 | 1 | 1 | 0 |
| 52 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| 53 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| 54 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 55 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| 56 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 57 | 1 | 1 | 1 | 0 | 0 | 1 | 0 |
| 58 | 1 | 1 | 1 | 0 | 1 | 0 | 1 |
| 59 | 1 | 1 | 1 | 0 | 1 | 1 | 0 |
| 60 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 61 | 1 | 1 | 1 | 1 | 0 | 1 | 0 |
| 62 | 1 | 1 | 1 | 1 | 1 | 0 | 1 |
| 63 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |