

# D1x I2C Table

| Bus                 | Device                         | Binary   | 7-bit Address | 8-bit Address | Max Speed |
|---------------------|--------------------------------|----------|---------------|---------------|-----------|
| ISP I2C0<br>1MHz    | SALT LAKE (PRIMARY)            | 0010000X | 0x10          | 0x20          | 1 MHz     |
|                     | SALT LAKE (SECONDARY)          | 0110000X | 0x30          | 0x60          | 1 MHz     |
|                     | GRUNBERG (STANDARD)            | 0011100X | 0x10          | 0x38          | 1 MHz     |
|                     | GRUNBERG (SPECIAL ABSOLUTE RW) | 0011101X | 0x10          | 0x3A          | 1 MHz     |
|                     | GRUNBERG (SPECIAL DELTA READ)  | 0011110X | 0x1E          | 0x3C          | 1 MHz     |
|                     | STROBE 1                       | 1100011X | 0x63          | 0x06          | 1 MHz     |
| ISP I2C1<br>1MHz    | LAS VEGAS (PRIMARY)            | 0100000X | 0x20          | 0x40          | 1 MHz     |
|                     | LAS VEGAS (SECONDARY)          | 0110000X | 0x30          | 0x60          | 1 MHz     |
|                     | EDWIN                          | 1100011X | 0x63          | 0x06          | 400 kHz   |
|                     | STROBE 2                       | 0000110X | 0x06          | 0x0C          | 1 MHz     |
| ISP I2C2<br>400kHz  | CONCORD                        | 0010000X | 0x10          | 0x20          | 1 MHz     |
| ADP I2C<br>1MHz     | ARC DRIVER 1                   | 100000YX | 0x41          | 0x82          | 1 MHz     |
|                     | PROX                           | 1011000X | 0x58          | 0x80          | 1 MHz     |
|                     | SPKAMP1 (L2B)                  | 100000YX | 0x40          | 0x80          | 1 MHz     |
|                     | TURTLE                         | 0101100X | 0x2E          | 0x58          | 400 kHz   |
|                     | MESA                           | 1100001X | 0x81          | 0xC2          | 400 kHz   |
| Touch I2C<br>500kHz | MAMBA                          | 1100000X | 0x60          | 0xC0          | 1 MHz     |
|                     | MEISON                         | 1000000X | 0x40          | 0x80          | 510 kHz   |
| EEPROM I2C          | EEPROM                         | 1010001X | 0x51          | 0xA2          | 400 kHz   |
| AP I2C0<br>400kHz   | BOOST                          | 1110101X | 0x75          | 0xEA          | 3.4 MHz   |
|                     | TRUSTAR                        | 0011010X | 0x1A          | 0x34          | 600 kHz   |
|                     | BACKLIGHT 1                    | 1100010X | 0x62          | 0xC4          | 1 MHz     |
|                     | CHESTNUT                       | 0100111X | 0x27          | 0x4E          | 400 kHz   |
| AP I2C1<br>400kHz   | ADELYN                         | 1110100X | 0x74          | 0xEB          | 400 kHz   |
|                     | TIGRIS                         | 1110101X | 0x75          | 0xEA          | 400 kHz   |
|                     | BACKLIGHT 2                    | 1100010X | 0x62          | 0xC4          | 1 MHz     |
| AP I2C2<br>400kHz   | ALS                            | 0101001X | 0x29          | 0x52          | 400 kHz   |
|                     | CONVOY                         | 0100001X | 0x21          | 0x42          | 3.4 MHz   |
|                     | CONVOY                         | 0100010X | 0x22          | 0x44          | 400 kHz   |
|                     | SPKAMP 2 (L2B)                 | 1000020X | 0x40          | 0x80          | 400 MHz   |
| AP I2C3<br>500kHz   | DOCK FLEX (MC1)                | 1010100X | 0x54          | 0xA5          | 1 MHz     |
|                     | COMBINED BUTTON FLEX (MC2)     | 1010100X | 0x56          | 0xAC          | 1 MHz     |
|                     | DISP EEPROM                    | 1010001X | 0x51          | 0xA2          | 400kHz    |
| Homer I2C<br>1MHz   | SCHRODINGER (STANDARD)         | 0001110X | 0x1E          | 0x1C          | 1 MHz     |
|                     | SCHRODINGER (CAL REG'S)        | 0001111X | 0x1F          | 0x1D          | 1 MHz     |
|                     | EEPROM (STANDARD)              | 1010000X | 0x50          | 0xA0          |           |
|                     | EEPROM (CONFIG)                | 1010000X | 0x50          | 0xA0          |           |

|                |  |           |  |        |  |         |  |
|----------------|--|-----------|--|--------|--|---------|--|
| DRAWING NUMBER |  | 051-00419 |  | SIDE   |  | D       |  |
| REVISED        |  | 8.0.0     |  | BRANCH |  |         |  |
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