

| A sel |      |
|-------|------|
| 0     | PC   |
| 1     | PC+2 |
| 2     | EA   |
| 3     |      |
| 4     | SP   |
| 5     | SP+2 |
| 6     | SP-2 |
| 7     |      |

| B sel |    |
|-------|----|
| 0     | DR |
| 1     | Rs |

| START |       |
|-------|-------|
| 0     | STOP  |
| 1     | START |

| BUSY |      |
|------|------|
| 0    | DONE |
| 1    | BUSY |

| D sel |      |
|-------|------|
| 0     | PC   |
| 1     | PC+2 |
| 2     | PC+4 |
| 3     |      |
| 4     | Rd   |
| 5     | H8   |
| 6     | FLAG |
| 7     | TMP  |

| W sel |    |
|-------|----|
| 0     | 16 |
| 1     | S4 |
| 2     | L8 |
| 3     | H8 |

| PCmut |      |
|-------|------|
| 0     |      |
| 1     | +2   |
| 2     | +4   |
| 3     | LOAD |

| SPmut |    |
|-------|----|
| 0     |    |
| 1     | +2 |
| 2     | -2 |
| 3     |    |

| OP (1) |                    |
|--------|--------------------|
| 00     |                    |
| 01     | B                  |
| 02     |                    |
| 03     | A + B              |
| 04     | A - B              |
| 05     | A - B              |
| 06     | A & B              |
| 07     | A   B              |
| 08     | A ^ B              |
| 09     | A + B (with Scale) |
| 0A     | A * B              |
| 0B     | A / B              |
| 0C     | A % B              |
| 0D     |                    |
| 0E     |                    |
| 0F     |                    |

| EA (OP下位3ビット) |             |
|---------------|-------------|
| 0             | DR          |
| 1             | DR + GR[Rx] |
| 2             |             |
| 3             | FP + DR * 2 |
| 4             |             |
| 5             |             |
| 6             | GR[Rx]      |
| 7             | GR[Rx]      |

| OP (2) |         |
|--------|---------|
| 10     | A << B  |
| 11     | A << B  |
| 12     | A >> B  |
| 13     | A >>> B |
| 14     |         |
| 15     |         |
| 16     | B       |
| 17     |         |
| 18     | B       |
| 19     |         |
| 1A     |         |
| 1B     |         |
| 1C     |         |
| 1D     |         |
| 1E     |         |
| 1F     |         |