| 8K SECTION | | | 1K SECTION | | | DETAILS | | | Comparison | | | BLOCK SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | START | END | | START | END | | START | END | KIM-1 | RC-ONE | RC-ONE 65K | |
| 8K7 | $E000 | $FFF | | $FC00 | $FFFF | 6530-002 | | | (mirror) | (mirror) | 28C64 EEPROM | 1 024 |
| | | | | $F800 | $F9FF | 6530-003 | | | | | | 1 024 |
| | | | | $F400 | $F7FF | | | | | | | 1 024 |
| | | | | $F000 | $F3FF | | | | | | | 1 024 |
| | | | | $EC00 | $EFFF | | | | | | | 1 024 |
| | | | | $E800 | $EBFF | | | | | | | 1 024 |
| | | | | $E400 | $E7FF | | | | | | | 1 024 |
| | | | | $E000 | $E3FF | | | | | | | 1 024 |
| 8K6 | $C000 | $DFFF | | | | | | | | | (free) | 8 192 |
| 8K5 | $A000 | $BFFF | | | | | | | | | | 8 192 |
| 8K4 | $8000 | $9FFF | | | | | | | | | | 8 192 |
| 8K3 | $6000 | $7FFF | | | | | | | | | 62256 Static RAM (optional) | 8 192 |
| 8K2 | $4000 | $5FFF | | | | | | | | | | 8 192 |
| 8K1 | $2000 | $3FFF | | | | | | | | | | 8 192 |
| 8K0 | $0000 | $1FF | K7 | $1C00 | $1FFF | 6530-002 | | | 6530-002 ROM | 28C64 EEPROM | 28C64 EEPROM (mirror) | 1 024 |
| | | | K6 | $1800 | $1BFF | 6530-003 | | | 6530-003 ROM | | | 1 024 |
| | | | | $1400 | $17FF | I/O2 | $17C0 | $17FF | 6530-002 RAM | 6532-002 RAM | 6532-002 RAM | 64 |
| | | | | | | | $1780 | $17BF | 6530-003 RAM | | | 64 |
| | | | | | | | $1740 | $177F | 6530-002 Register | 6532-002 Register | 6532-002 Register | 64 |
| | | | K5 | | | I/O3 | $1700 | $173F | 6530-003 Register | (free) | 6530-003 Register | 64 |
| | | | | | | (free) | $1600 | $16FF | (free) | (free) | (free) | 256 |
| | | | | | | | $1500 | $15FF | | | | 256 |
| | | | | | | | $1400 | $14FF | | | | 256 |
| | | | K4 | $1000 | $13FF | | | | (free) | (free) | 62256 Static RAM (optional) | 1 024 |
| | | | K3 | $0C00 | $0FFF | | | | | | | 1 024 |
| | | | K2 | $0800 | $0BFF | | | | | | | 1 024 |
| | | | K1 | $0400 | $07FF | | | | | | | 1 024 |
| | | | K0 | $0000 | $03FF | (free) | $0200 | $03FF | 1K RAM | 62256 Static RAM | | 1 024 |
| | | | | | | (stack) | $0100 | $01FF | | | | |
| | | | | | | (reserved) | $00EF | $00FF | | | | |
| | | | | | | (page 0) | $0000 | $00EE | | | 62256 Static RAM | |
| | | | | | | | | | | | | 65 536 |

| EXPANSIONS | 4K SECTION | | START | END | 0.5K SECTION START | 0.5K SECTION END | 0.25K SECTION START | 0.25K SECTION END | DETAILS | DETAILS START | DETAILS END | BLOCK SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (system) | 4K0 | | | | | | | | | | | 4 096 |
| ExRAM | 4K2 | | $2000 | $2FFF | | | | | | $2000 | $3FFF | 4 096 |
| | 4K4 | | $4000 | $4FFF | | | | | | | | 4 096 |
| | 4K6 | | $6000 | $6FFF | | | | | | | | 4 096 |
| | 4K8 | | $8000 | $8FFF | | | | | | | | 4 096 |
| | 4KA | | $A000 | $AFFF | | | | | | | | 4 096 |
| | 4KC | (A12=LO) | $C000 | $CFFF | $C000 | $C1FF | | | | | | 512 |
| | | | | | $C200 | $C3FF | | | | | | 512 |
| | | | | | $C400 | $C5FF | | | | | | 512 |
| | | | | | $C600 | $C7FF | | | | | | 512 |
| TMS9918 | | | | | $C800 | $C9FF | $C800 | $C8FF | | $C800 | $C801 | 256 |
| | | | | | | | $C900 | $C9FF | | | | 256 |
| | | | | | $CA00 | $CBFF | $CA00 | $CAFF | | | | 256 |
| | | | | | | | $CB00 | $CBFF | | | | 256 |
| | | | | | $CC00 | $CDFF | | | | | | 512 |
| Compact Flash | | | | | $CE00 | $CFFF | | | | $CE00 | $CE0F | 512 |
| (system) | 4KE | | | | | | | | | | | 4 096 |
| (system) | 4K1 | | | | | | | | | | | 4 096 |
| ExRAM | 4K3 | | $3000 | $3FFF | | | | | | $2000 | $3FFF | 4 096 |
| | 4K5 | | $5000 | $5FFF | | | | | | | | 4 096 |
| | 4K7 | | $7000 | $7FFF | | | | | | | | 4 096 |
| | 4K9 | | $9000 | $9FFF | | | | | | | | 4 096 |
| | 4KB | | $B000 | $BFFF | | | | | | | | 4 096 |
| Project Platform (PP 6502) | 4KD | (A12=HI) | $D000 | $DFFF | $D000 | $D1FF | | | 6522 | $D000 | $D00F | 512 |
| Real Time Clock | | | | | $D200 | $D3FF | | | | | | 512 |
| Sound Interface | | | | | $D400 | $D5FF | | | SID #1 | $D400 | $D41C | 512 |
| ACIA | | | | | $D600 | $D7FF | | | | $D600 | $D603 | 512 |
| | | | | | $D800 | $D9FF | | | | | | 512 |
| | | | | | $DA00 | $DBFF | | | | | | 512 |
| | | | | | $DC00 | $DDFF | | | | | | 512 |
| Sound Interface | | | | | $DE00 | $DFFF | | | SID #2 | $DE00 | $DE1C | 512 |
| (system) | 4KF | | | | | | | | | | | 4 096 |
| | | | | | | | | | | | | 65 536 |

Most expansions can be moved between 4K or 8K base addresses, default address specified in order to keep things organized. Multiple cards of the same type can be used within the same system by placing them on separate base addresses (as long as they don't use dedicated backplane pins).