

## SAMS MAPPER

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In map mode the mapper register setup is equivalent to: EXAMPLE2

| mapper address |         | mapper  | page num |       | address range                 |
|----------------|---------|---------|----------|-------|-------------------------------|
| HEX            | Dec     |         | HEX      | Dec   | memory area                   |
| >4004          | = 16388 | is MR02 | = >62    | = 98  | points to >2000 - >2FFF range |
| >4006          | = 16390 | is MR03 | = >63    | = 99  | points to >3000 - >3FFF range |
| >4014          | = 16404 | is MR10 | = >64    | = 100 | points to >A000 - >AFFF range |
| >4016          | = 16406 | is MR11 | = >65    | = 101 | points to >B000 - >BFFF range |
| >4018          | = 16408 | is MR12 | = >66    | = 102 | points to >C000 - >CFFF range |
| >401A          | = 16410 | is MR13 | = >67    | = 103 | points to >D000 - >DFFF range |
| >401C          | = 16412 | is MR14 | = >68    | = 104 | points to >E000 - >EFFF range |
| >401E          | = 16414 | is MR15 | = >69    | = 105 | points to >F000 - >FFFF range |

(MR=Mapper Register)

In MAP mode the mapper register setup is equivalent to: EXAMPLE3

| mapper address |        | mapper  | page num |        | address range                 |
|----------------|--------|---------|----------|--------|-------------------------------|
| HEX            | Dec    |         | HEX      | Dec    | memory area                   |
| >4004          | =16388 | is MR02 | =>1FF9   | = 8185 | points to >2000 - >2FFF range |
| >4006          | =16390 | is MR03 | =>1FFA   | = 8186 | points to >3000 - >3FFF range |
| >4014          | =16404 | is MR10 | =>1FFB   | = 8187 | points to >A000 - >AFFF range |
| >4016          | =16406 | is MR11 | =>1FFC   | = 8188 | points to >B000 - >BFFF range |
| >4018          | =16408 | is MR12 | =>1FFD   | = 8189 | points to >C000 - >CFFF range |
| >401A          | =16410 | is MR13 | =>1FFE   | = 8190 | points to >D000 - >DFFF range |
| >401C          | =16412 | is MR14 | =>1FFF   | = 8191 | points to >E000 - >EFFF range |
| >401E          | =16414 | is MR15 | =>2000   | = 8192 | points to >F000 - >FFFF range |

(MR=Mapper Register)