MODULE MAPS

The module maps are a layout of a module. Each board on a module is divided into three fields. The first board in the module is the ABC board where A, B, and C are the fields, and the last board is VWX. Each field is divided into four columns and eight rows of chip locations. A 3-character designator heads each location. The first character is the field or board identifier, the second character is the location in the field, and the third character is the chip type that is used.

Underneath each designator are spaces for four Boolean terms. Each of those terms is an output. If only one term appears in the location the chip has or is using only one output. The terms are read from left to right, top to bottom. The first term listed corresponds to the first set of outputs off of the chip. If a chip has more than four sets of outputs, and more than four are used, only the first four are listed.

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                                        KAI
                                           ┌── I TYPE CHIP
                                           ├── LOCATION A IN THE FIELD
WA MODULE (JKL BOARD)                      └── FIELD K                        00.00.00

  JAS      JBS      JCS      JDS   │  KAI    KBW    KCX    KDF  │  LAK    LBJ    LCL    ---
SAD ---  SAL ---  SBD ---  SBL --- │ daf dan ZZA ZZA OAD OED BAD BCD │ had hbd TAA TAC TMA TMC --- ---
--- ---  --- ---  --- ---  --- --- │ eaf --- ZZA ZZA --- --- --- --- │ --- --- TAE TAG --- --- --- ---

  JES      JFS      JGS      JHS   │  KEI    KFW    KGX    KHF  │  LEK    LFQ    ---    LHL
SCD ---  SCL ---  SDD ---  SDL --- │ ean faf ZZB ZZB OCD --- BED BGD │ hal hbl JMA --- --- --- okd okl
--- ---  --- ---  --- ---  --- --- │ fan --- ZZB ZZB --- --- --- --- │ --- --- --- --- --- --- --- ---

  JIS      JJS      JKS      JLS   │  KII    KJW    KKH    KLF  │  LIT    LJL    LKT    LLF
SED ---  SEL ---  SFD ---  SFL --- │ dbf dbn ZYB ZYC OAL OEL BAL BCL │ MAD --- TIA TIB OHA --- PDD PEI
--- ---  --- ---  --- ---  --- --- │ ebf --- ZYF ZYD --- --- --- --- │ --- --- TIC TID --- --- --- ---

  JMS      JNS      JOS      JPS   │  KMI    KNL    KOX    KPF  │  LML    LNL    ---    LPF
SGD ---  SGL ---  SHD ---  SHL --- │ ebn fbf WAD WBD OCL --- BEL BGL │ TED TFD TJA TJB --- --- KAA KAE
--- ---  --- ---  --- ---  --- --- │ fbn --- WCD WDD --- --- --- --- │ TGD THD TJC TJD --- --- --- ---

  JQS      JRS      JSS      JTS   │  KQI    KRL    KSX    KTP  │  LQT    LRL    LSA    LTM
SID ---  SIL ---  SJD ---  SJL --- │ dcf dcn wal wbl OBD OFD BBD BDD │ MAL --- tka tkb JED --- PAD QCA
--- ---  --- ---  --- ---  --- --- │ ecf --- wcl wdl --- --- --- --- │ --- --- tkc tkd --- --- QCB ---

  JUS      JVS      JWS      JXS   │  KUI    KVW    KWX    KXP  │  LUT    LVQ    LWI    LXM
SKD ---  SKL ---  SLD ---  SLL --- │ ecn fcf ZZD ZZD ODD --- BFD BHD │ MAT --- JMC --- JDD --- oja ---
--- ---  --- ---  --- ---  --- --- │ fcn --- ZZD ZZD --- --- --- --- │ --- --- --- --- zzo --- --- ---

  J1S      J2S      J3S      J4S   │  K1I    K2W    K3X    K4P  │  L1K    L2Q    L3Q    L4L
SMD ---  SML ---  SND ---  SNL --- │ ddf ddn ZZE ZZE OBL OFL BBL BDL │ hcd hdd JME --- JMG --- pbd pcd
--- ---  --- ---  --- ---  --- --- │ edf --- ZZE ZZE --- --- --- --- │ --- --- --- --- --- --- oid ---

  J5S      J6S      J7S      J8S   │  K5I    K6W    K7X    K8P  │  L5K    L6J    L7L    L8L
SOD ---  SOL ---  SPD ---  SPL --- │ edn fdf ZZF ZZF ODL --- BFL BHL │ hcl hdl tab tad TME TMG --- nbd
--- ---  --- ---  --- ---  --- --- │ fdn --- ZZF ZZF --- --- --- --- │ --- --- taf tah --- --- nbl ---

                                                                                    C0001C0617
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BOOLEAN TERMS MADE AT THIS CHIP LOCATION
edn - From pin pair I, h of the I chip
fdf - From pin pair E, d of the I chip
fdn - From pin pair G, f of the I chip