

32 bits Board Unique Identifier for GET
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31	28	27	24	23	20	19	16	15	12	11	0
User def.	Slot Num.	TPC ref.	Hard release	Board Type	Serial number						

Field definition:

Serial Number (hardwired): 0 to 4095 modules for each type of board

Board Type (hardwired): 0x0: ASAD low integration
0x1: ASAD high integration
0x2: COBO
0x3: MUTANT
0x4: BEM

Hardware Release (switches): bits <19:18> Version V0.x to V3.x
bits <17:16> Sub-version Vx.0 to Vx.3

example: V0.0 = prototype, V0.1 = pre-series, V1 final version ...

TPC reference attachment (switches): 0x0 ACTAR (Ganil - Caen)
0x1 2p-TPC (CENBG - Bordeaux)
0x2 AT-TPC (MSU)
0x3 SAMURAI – (RIKEN) ?
0x4 TPC R3B (GSI) ?

This field could be useful to indicate rapidly some particularities of the considered TPC and to act upon the slow control setup.

Example: same hardware version, but some resistors, capacitors ... values adapted or configured specifically to that TPC.

Slot Number (switches): 1 to 12 (0 and 13 to 15 unused)
set statically by rotating switch prior to insert the module
or dynamically by the backplane (option when the crate is ordered)

User defined: This field could be used, for example to know the firmware version of the ASAD FPGA (via COBO) as it has no direct link to the PC (Ethernet)