

ePix10k2M.0 Identification Details - old

Updated 12 April 2022 Bhavna

Note about firmware ID number (first in serial ID): sometime around August 2021 it changed from -001 to -002

Firmware shorthand identifier: d31b225

Sensor module ID Listing:

Sept 2021 (exp=detdaq19:run=173)

Module	Firmware ID	Module ID1	Module ID2	Board ID1	Board ID2
elem 0	0000000002	0172604929	3003121686	0078767237	0019457769
elem 1	0000000002	4294967295	4294967295	0078767237	0019457769
elem 2	0000000002	0173879809	1191182358	0078767237	0019457769
elem 3	0000000002	0174136577	1879048214	0078767237	0019457769
elem 4	0000000002	0172862721	2919235606	1014046789	0019435010
elem 5	0000000002	0174236161	0486539286	1014046789	0019435010
elem 6	0000000002	0173464833	0973078550	1014046789	0019435010
elem 7	0000000002	0173621761	3221225494	1014046789	0019435010
elem 8	0000000002	0172166401	1342177302	0358679237	0018362180
elem 9	0000000002	0172264961	2986344470	0358679237	0018362180
elem 10	0000000002	0172505345	0285212694	0358679237	0018362180
elem 11	0000000002	0173793793	0520093718	0358679237	0018362180
elem 12	0000000002	0174306561	0234881046	0630252037	0016939401
elem 13	0000000002	0173550849	3925868566	0630252037	0016939401
elem 14	0000000002	0172519937	2617245718	0630252037	0016939401
elem 15	0000000002	0175233537	0369098774	0630252037	0016939401

Feb 2021 (exp=detdaq18:run=660)

Module	Firmware ID	Module ID1	Module ID2	Board ID1	Board ID2
elem 0	0000000001	0172604929	3003121686	0078767237	0019457769
elem 1	0000000001	4294967295	4294967295	0078767237	0019457769
elem 2	0000000001	0173879809	1191182358	0078767237	0019457769
elem 3	0000000001	0174136577	1879048214	0078767237	0019457769
elem 4	0000000001	0172862721	2919235606	1014046789	0019435010
elem 5	0000000001	0174236161	0486539286	1014046789	0019435010
elem 6	0000000001	0173464833	0973078550	1014046789	0019435010
elem 7	0000000001	0173621761	3221225494	1014046789	0019435010
elem 8	0000000001	0172166401	1342177302	0358679237	0018362180
elem 9	0000000001	0172264961	2986344470	0358679237	0018362180
elem 10	0000000001	0172505345	0285212694	0358679237	0018362180
elem 11	0000000001	0173793793	0520093718	0358679237	0018362180
elem 12	0000000001	0174306561	0234881046	0630252037	0016939401
elem 13	0000000001	0173550849	3925868566	0630252037	0016939401
elem 14	0000000001	0172519937	2617245718	0630252037	0016939401
elem 15	0000000001	0175233537	0369098774	0630252037	0016939401

Aug 2020 (exp=detdaq18:run=222)

Module	Module ID1	Module ID2	Board ID1	Board ID2
elem 0	0172166401	1342177302	0358679237	0018362180
elem 1	0172264961	2986344470	0358679237	0018362180
elem 2	0172505345	0285212694	0358679237	0018362180
elem 3	0173793793	0520093718	0358679237	0018362180
elem 4	0174306561	0234881046	0630252037	0016939401
elem 5	0173550849	3925868566	0630252037	0016939401
elem 6	0172519937	2617245718	0630252037	0016939401
elem 7	0175233537	0369098774	0630252037	0016939401
elem 8	0172604929	3003121686	0078767237	0019457769
elem 9	4294967281	4294967295	0078767237	0019457769
elem 10	0173879809	1191182358	0078767237	0019457769
elem 11	0174136577	1879048214	0078767237	0019457769
elem 12	0172862721	2919235606	1014046789	0019435010
elem 13	0174236161	0486539286	1014046789	0019435010
elem 14	0173464833	0973078550	1014046789	0019435010
elem 15	0173621761	3221225494	1014046789	0019435010

Details relating these numbers to the physical layout can be found at <https://confluence.slac.stanford.edu/display/PSDM/EPIX10KA2M+and+EPIX10KAQUAD>