What is the Myricom Product Code hardware naming scheme for Myri-10G adapters?

**Model:**
ARC Series E Adapters

**Software:**
DBL, SNF, MVA

**Operating System:**
N/A

**Information:**
The product code naming scheme for the Myri-10G network adapters is comprised of 5 fields:

- **10G**
  - {PCIE, PCIE2, PCIE3}
  - 8{A,B,C,D}
  - {S,R,C,I,T,BE}
  - {DBL3,SNF3,MVA1}

10G denotes that it is a 10-Gigabit Ethernet network adapter.

PCIE indicates that the adapter is “Gen1” (2.5 GT/s) PCI-Express adapter. PCIE2 indicates “Gen2” (5.0 GT/s) PCI Express, and PCIE3 indicates “Gen3” (5.0 GT/s) PCI Express.

8 indicates that the adapter is an x8 (8 lane) adapter. The A indicates that it is a first generation Myri-10G adapter, the B indicates a second generation adapter, C indicates a third generation adapter, and D indicates a fourth generation adapter.

The fourth field indicates the Myri-10G PHY for the network port.

- S denotes SFP+
- R denotes XFP
- C denotes 10Gbase-CX4
- I denotes BladeCenterH HSEC
- T denotes 10Gbase-T
- BE denotes PC/104

The +DBL3, +SNF3, +MVA1 suffix added to the hardware product code (example: 10G-PCIE2-8C2-2S+DBL) denotes that the network adapter was purchased with a software license. If there is no +X denoted when purchased, then the adapter was purchased for use with a standard 10GbE driver, Myri10GE.

- No +X denotes that the adapter was purchased for use with our freely-available standard 10GbE driver, Myri10GE for Content Creation.
- +DBL3: denotes that the adapter was purchased with a DBL v3 license.
- SNF3: denotes that the adapter was purchased with a Sniffer10Gv3 license.
- +MVA1: denotes that the adapter was purchased with an MVA license.
The Myri-10G “Gen1” adapters are PCI-Express x8 (8 lane) adapters running at 10 +10 Gb/s data rate, full duplex, with 2MB of SRAM. Each Myri-10G “8A” adapter contains a first-generation LanaiZ8E chip operating at 313MHz. Each Myri-10G “8B adapter contains a second-generation LanaiZ8E chip operating at 364.6 MHz. Their naming scheme is expressed as follows:

10G-PCIE-8A-y
10G-PCIE-8B-y

Where PCIE denotes that these are “Gen1” PCI Express, the -8 denotes that these are PCIE-Express x8 (8 lane) adapters, the “A” denotes that this adapter contains a LanaiZ8E chip, the “B” denotes that this adapter contains a LanaiZ8ES chip, and:

Y indicates the Myri-10G PHY
S denotes SFP+
R denotes XFP
C denotes 10GBase-CX4
I denotes BladeCenterH HSEC

The Myri-10G “Gen2” adapters are PCI-Express x8 (8 lane) adapters running at 20 +20 Gb/s data rate, full duplex, with 2MB of SRAM. Each Myri-10G “8B2” or “8C2” adapter contains two LanaiZ8ES chips operating at 364.6 MHz. Their naming scheme is expressed as follows:

10G-PCIE2-8B2-2y
10G-PCIE2-8C2-2y

Where PCIE2 denotes that these are “gen2” PCI Express, the -8 denotes that these are PCI-Express x8 adapters, the “B2” or “C2” denotes that this adapter contains two LanaiZ8ES chips, and:

Y indicates the Myri-10G PHY
T denotes 10GBase-T

In addition to the two-port x8 Gen2 10G-PCIE2-8C2-2T adapter, there is also a single-port x8 Gen2 10G-PCIE2-8C-T adapter.

S denotes SFP+
C denotes 10GBase-CX4

<table>
<thead>
<tr>
<th>Revision</th>
<th>Date</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6/30/2016</td>
<td>Initial Draft</td>
</tr>
<tr>
<td>2</td>
<td>8/18/2016</td>
<td>Feedback Edits</td>
</tr>
</tbody>
</table>