

# Renesas 20Mbit Standard TCAM 『R8A20410BG』

**Renesas 20M-bit QUAD Search Full Ternary CAM is a high performance search engine targeted for demanding network applications.**

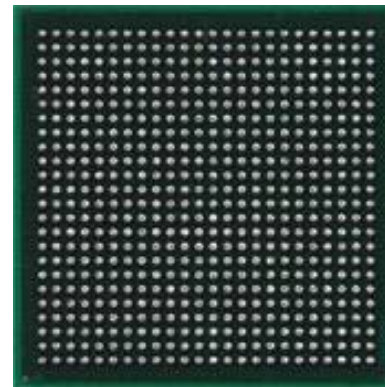
- **High Speed Search Rate (Max 360Msps @ 80, 160, 320bit)**
- **Flexible Search Key (40L/H, 80, 160, 320, 480, 640bit)**
- **Direct connection to Xelerated NPU (HX330/320 series)**
- **576pin FCBGA, 27mm x 27mm body**

Top View



A1

Bottom View



A1

# Deliverables

<b>Data Sheet</b>	<b>: Rev0.18</b>
<b>Verilog Model</b>	<b>: Rev0.15</b>
<b>Ibis Model</b>	<b>: Rev1.1</b>
<b>Power Estimation Sheet</b>	<b>: Rev0.1</b>
<b>User Manual</b>	<b>: (From Xelerated)</b>