

Содержание

TQ-Embedded TQMxE41S	3
----------------------------	---

TQ-Embedded TQMxE41S

pic:



pn:

TQMxE41S

formfactor:

SMARC

manufacturer:

TQ-Embedded

cpu:

Intel® Atom® x7000E

Celeron®

Pentium®

Alder Lake-N

emmc:

256 GB

ram:

16 GB LPDDR5

eeeprom:

32KB

temprange:

-40...+85 °C

edp:

1 (or dsi\lvds 2ch)

dp:

2 (or 1 hdmi)

hdmi:

1 (or dp)

lvd:

1 2ch(or dsi\edp)

ethernet:

2 (2.5Gb Intel i226)

dsi:

1 (or edp\lvds 2ch)

usb2:

6

usb3:

2

can:

2

uart:

4 (2 full)

spi:

1 + 1 espi

pcie:

4 gen 3 (1x4, 2x2, 4x1)

sata:

1 (not in pcie 4x mode)

sdio:

1

dimension:

82x50

datasheet:

[link](#)

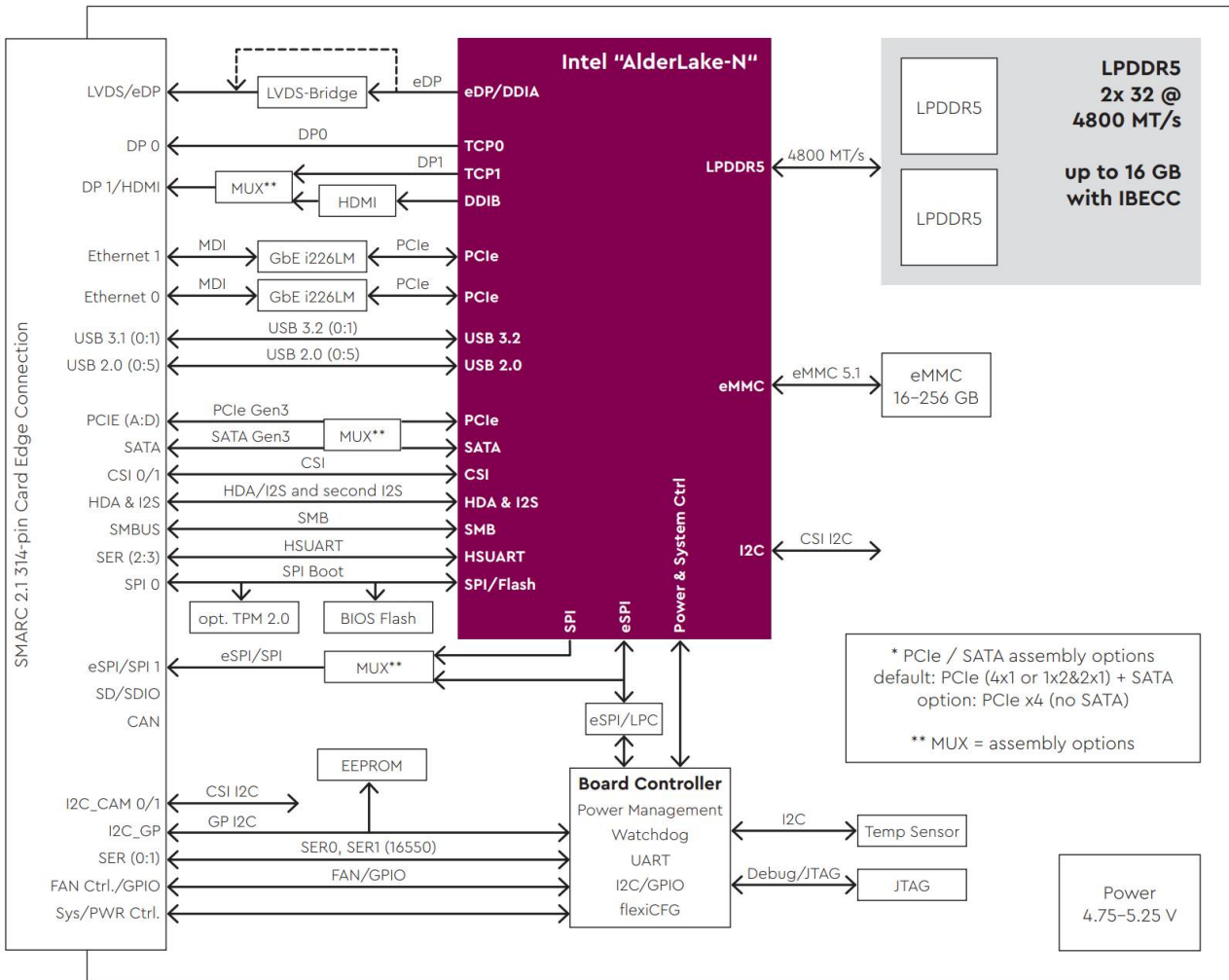
struct:



page:

[page](#)

BLOCK DIAGRAM TQMxE41S



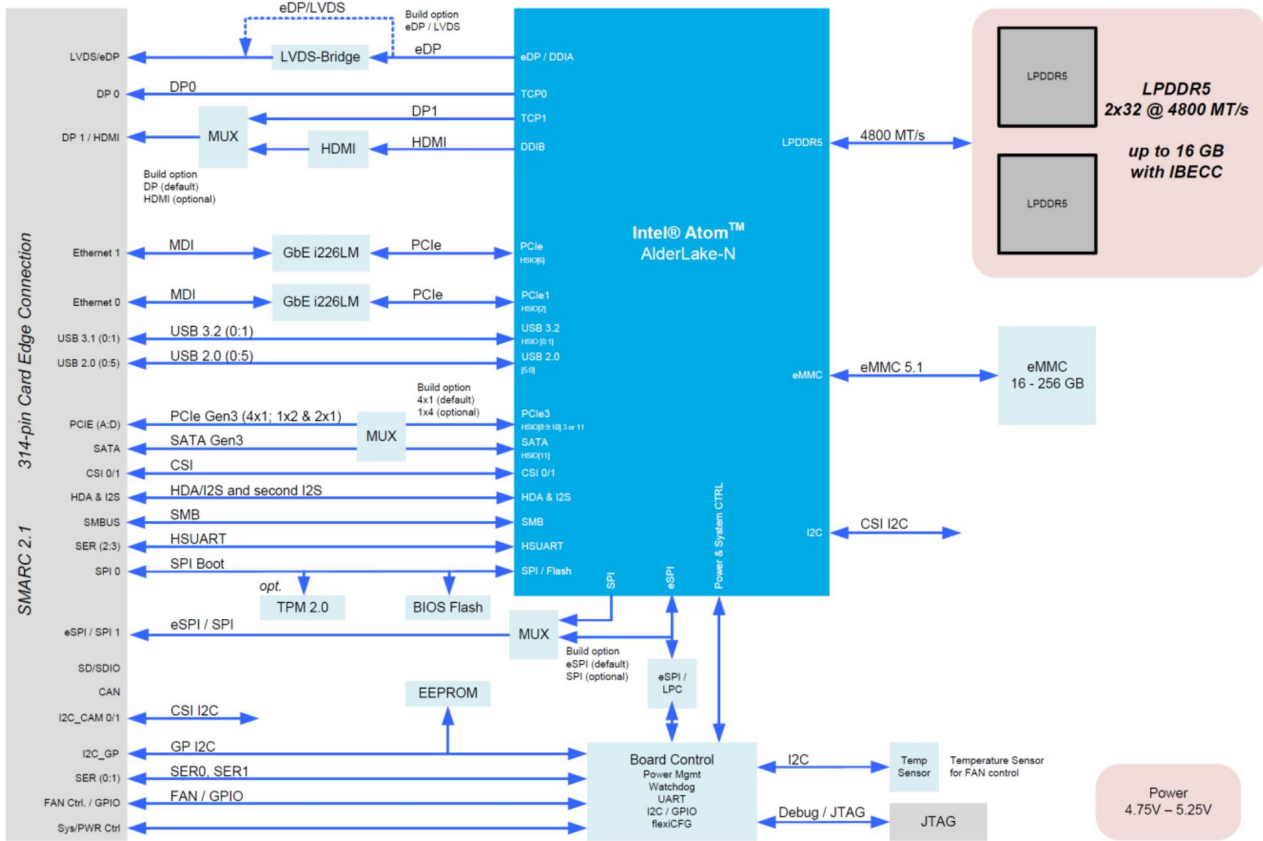


Figure 1: Block Diagram TQMxE41S

Intel® Core™ i3-N305	(8-Core, 1.8/3.8 GHz, 32 EU, 15 W TDP)
Intel® Core™ i3-N305*	(8-Core, 1.0/3.8 GHz, 32 EU, 9 W cTDP)
Intel Atom® x7425E	(4-Core, 1.5/3.4 GHz, 24 EU, RT, 12 W TDP)
Intel Atom® x7413E	(2-Core, 1.7/3.2 GHz, 16 EU, RT, 10 W TDP)
Intel Atom® x7411E	(2-Core, 1.0/3.2 GHz, 16 EU, RT, 6 W TDP)
Intel® Processor N200	(4-Core, 1.0/3.7 GHz, 32 EU, 6 W TDP)
Intel® Processor N97	(4-Core, 2.0/3.6 GHz, 24 EU, 12 W TDP)
Intel® Processor N50	(2-Core, 1.0/3.4 GHz, 16 EU, 6 W TDP)