Содержание

Adlinktech LEC-EL 3

Adlinktech LEC-EL

pic:



pn:
: LEC-EL

formfactor:
: SMARC

manufacturer:
: Adlinktech

cpu:
: Intel® Atom® x6000E
: Celeron®
: Pentium®
: Elkhart Lake

emmc:
: 16\32\64 GB

ram:
: 2\4\8 GB LPDDR4x

temprange:
: 0...+60\-40...+85 °C

edp:
: 1 (or dsi\lvds 2ch)

dp:
: 2 (or 1 hdmi)

hdmi:
: 1 (or dp)

lvd:
: 1 2ch(or dsi\edp) (NXP PTN3460)

ethernet:
: 2 (2.5 GBit) (GPY211)

dsi:
: 1 (or edp\lvds 2ch)

usb2:
: 6

usb3:
: 2

can:
: 2

uart:
: 4 (2 full)

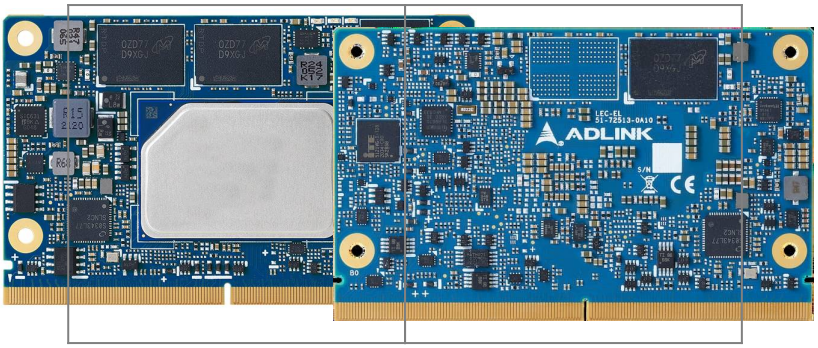
spi:
: 1 + 1 espi

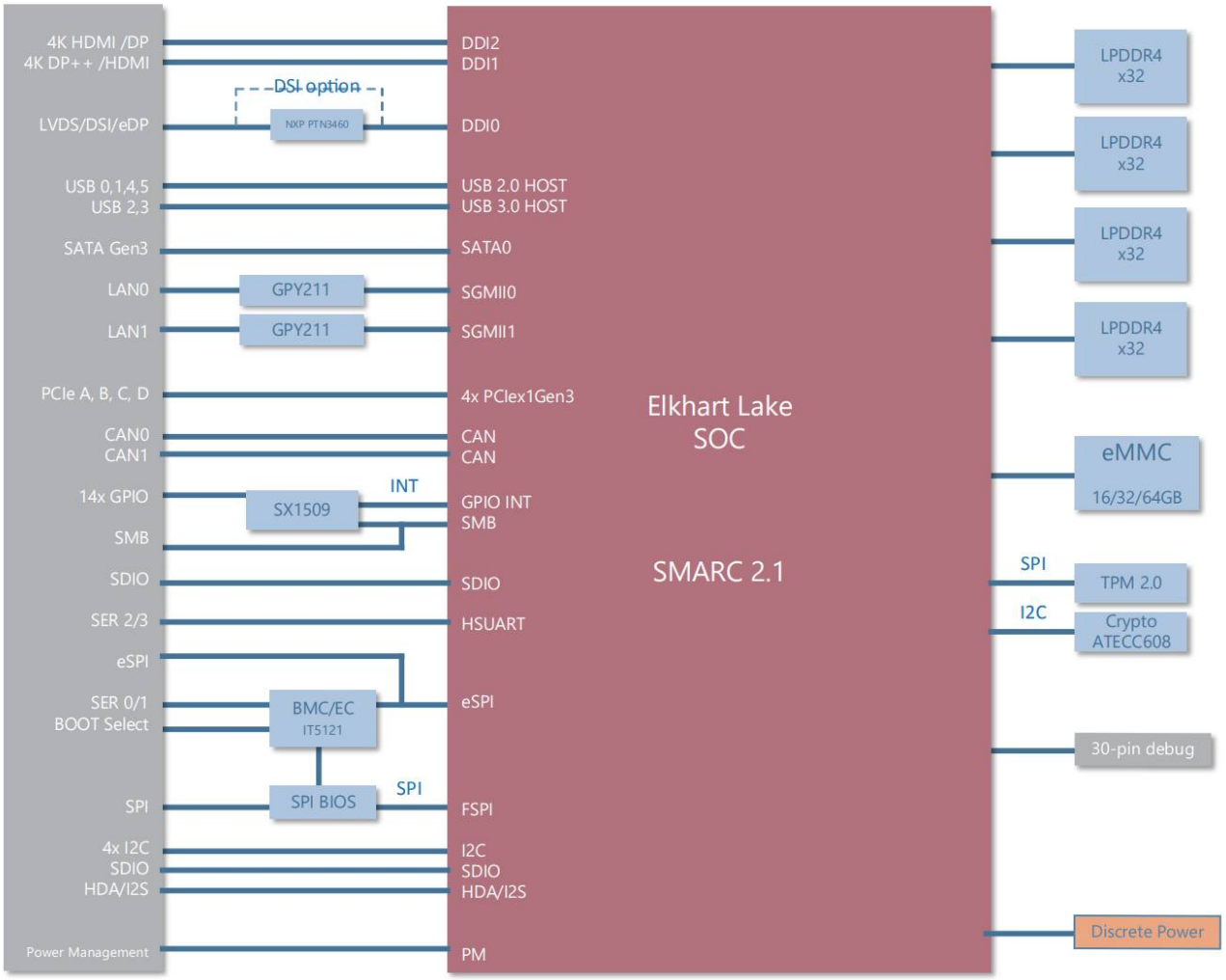
pcie:
: 4 gen 3 (1x4, 2x2, 4x1)

gpio:
: 14 (SX1509)

bmc:
: IT5121
tpm:
: TMP 2.0
sata:
: 1
sdio:
: 1
bio:
: AMI Aptio V
dimension:
: 82x50
datasheet:
: link
struct:

page:
: page




4K HDMI /DP
4K DP++ /HDMI
LVDS/DSI/eDP
DSI option
NXP PTN3460
USB 0,1,4,5
USB 2,3
SATA Gen3
LAN0
GPY211
LAN1
GPY211
PCIe A, B, C, D
CAN0
CAN1
14x GPIO
SX1509
INT
SMB
SDIO
SER 2/3
eSPI
SER 0/1
BOOT Select
BMC/EC
IT5121
SPI
SPI BIOS
SPI
4x I2C
SDIO
HDA/I2S
Power Management
DDI2
DDI1
DDI0
USB 2.0 HOST
USB 3.0 HOST
SATA0
SGMII0
SGMII1
4x PCIex1Gen3
CAN
CAN
GPIO INT
SMB
SDIO
HSUART
eSPI
FSPI
I2C
SDIO
HDA/I2S
PM
Elkhart Lake
SOC
SMARC 2.1
LPDDR4
x32
LPDDR4
x32
LPDDR4
x32
LPDDR4
x32
eMMC
16/32/64GB
SPI
TPM 2.0
I2C
Crypto
ATECC608
30-pin debug
Discrete Power