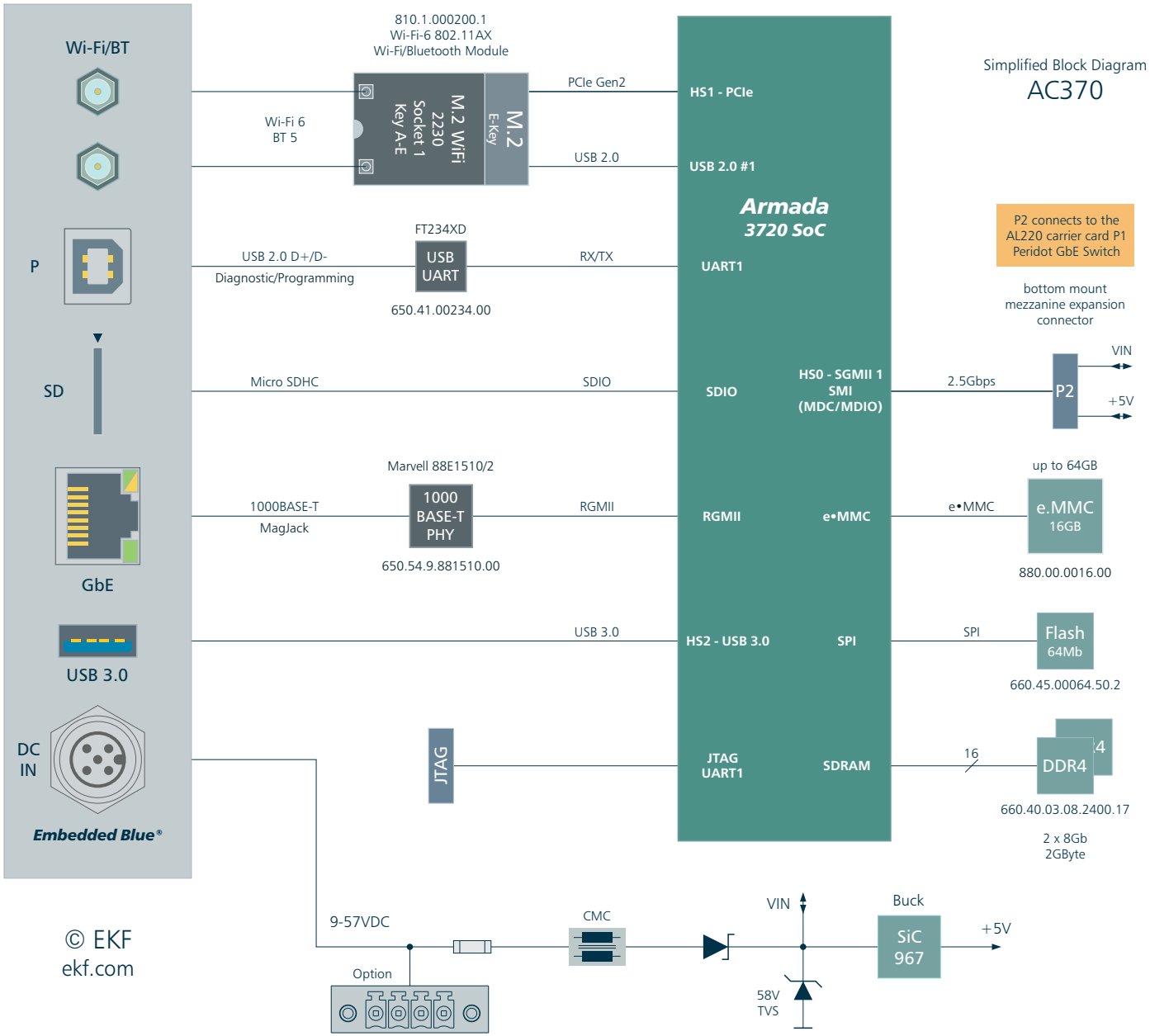
Simplified Block Diagram
AC370
Wi-Fi/BT
810.1.000200.1
Wi-Fi-6 802.11AX
Wi-Fi/Bluetooth Module
Wi-Fi 6
BT 5
M.2 WiFi
2230
Socket 1
Key A-E
M.2
E-Key
PCIe Gen2
USB 2.0
HS1 - PCIe
USB 2.0 #1
Armada
3720 SoC
P
USB 2.0 D+/D-
Diagnostic/Programming
FT234XD
USB
UART
650.41.00234.00
RX/TX
UART1
P2 connects to the
AL220 carrier card P1
Peridot GbE Switch
bottom mount
mezzanine expansion
connector
SD
Micro SDHC
SDIO
SDIO
HS0 - SGMII 1
SMI
(MDC/MDIO)
2.5Gbps
P2
VIN
+5V
GbE
Marvell 88E1510/2
1000BASE-T
MagJack
1000
BASE-T
PHY
650.54.9.881510.00
RGMII
RGMII
e•MMC
e•MMC
up to 64GB
e.MMC
16GB
880.00.0016.00
USB 3.0
USB 3.0
HS2 - USB 3.0
SPI
SPI
Flash
64Mb
660.45.00064.50.2
DC
IN
JTAG
JTAG
UART1
SDRAM
16
DDR4
660.40.03.08.2400.17
2 x 8Gb
2GByte
Embedded Blue®
9-57VDC
CMC
VIN
Buck
SiC
967
+5V
Option
58V
TVS

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