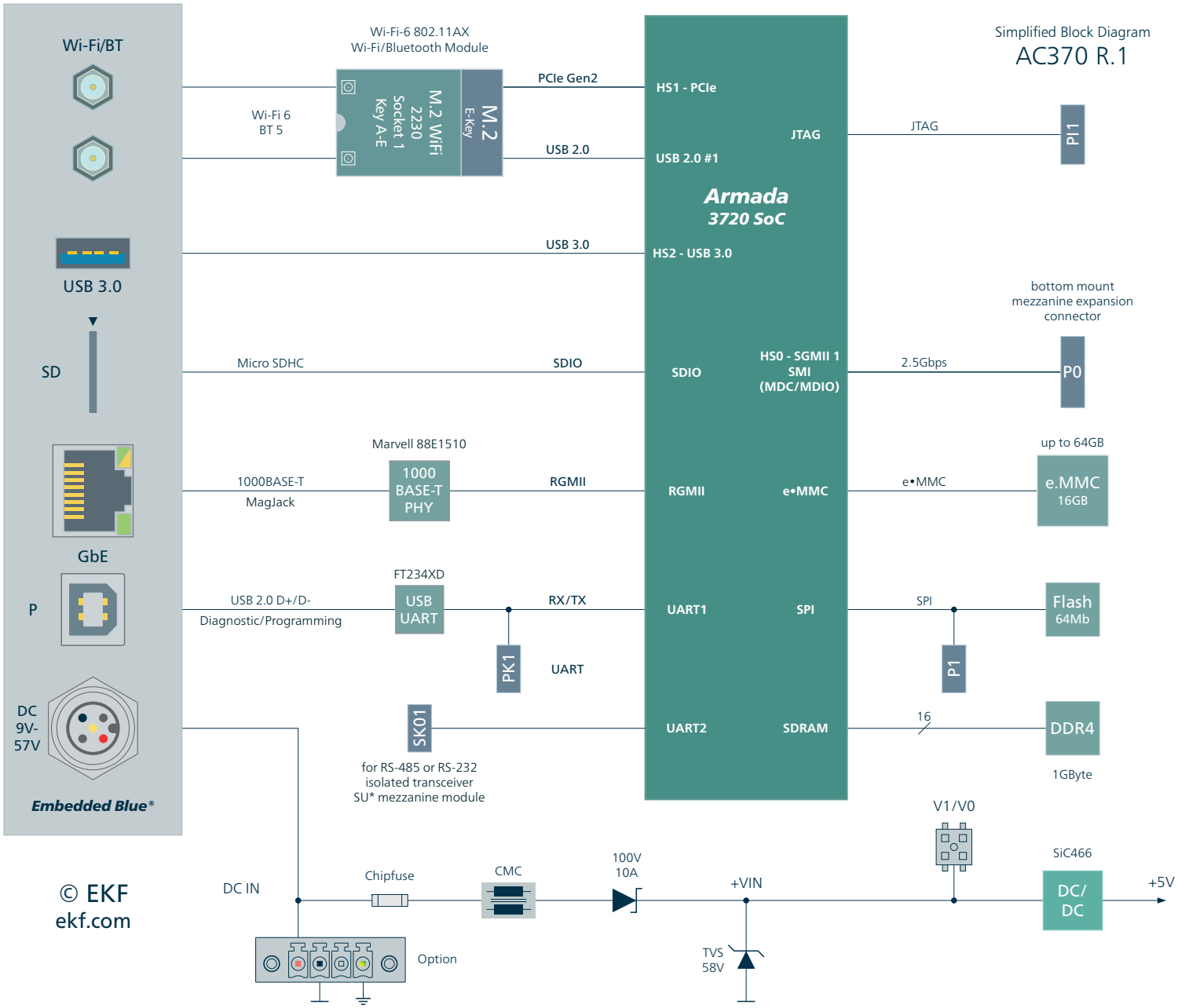
Simplified Block Diagram
AC370 R.1
Wi-Fi/BT
Wi-Fi-6 802.11AX
Wi-Fi/Bluetooth Module
Wi-Fi 6
BT 5
M.2 WiFi
2230
Socket 1
Key A-E
M.2
E-Key
PCIe Gen2
USB 2.0
USB 3.0
HS1 - PCIe
USB 2.0 #1
JTAG
Armada
3720 SoC
HS2 - USB 3.0
JTAG
PI1
USB 3.0
SD
Micro SDHC
SDIO
SDIO
HS0 - SGMII 1
SMI
(MDC/MDIO)
2.5Gbps
bottom mount
mezzanine expansion
connector
P0
GbE
1000BASE-T
MagJack
Marvell 88E1510
1000
BASE-T
PHY
RGMII
RGMII
e•MMC
e•MMC
up to 64GB
e.MMC
16GB
P
USB 2.0 D+/D-
Diagnostic/Programming
FT234XD
USB
UART
RX/TX
UART1
SPI
SPI
Flash
64Mb
PK1
UART
P1
DC
9V-
57V
SK01
UART2
SDRAM
16
DDR4
1GByte
for RS-485 or RS-232
isolated transceiver
SU* mezzanine module
Embedded Blue®
V1/V0
SiC466
DC IN
Chipfuse
CMC
100V
10A
+VIN
DC/
DC
+5V
Option
TVS
58V
© EKF
ekf.com