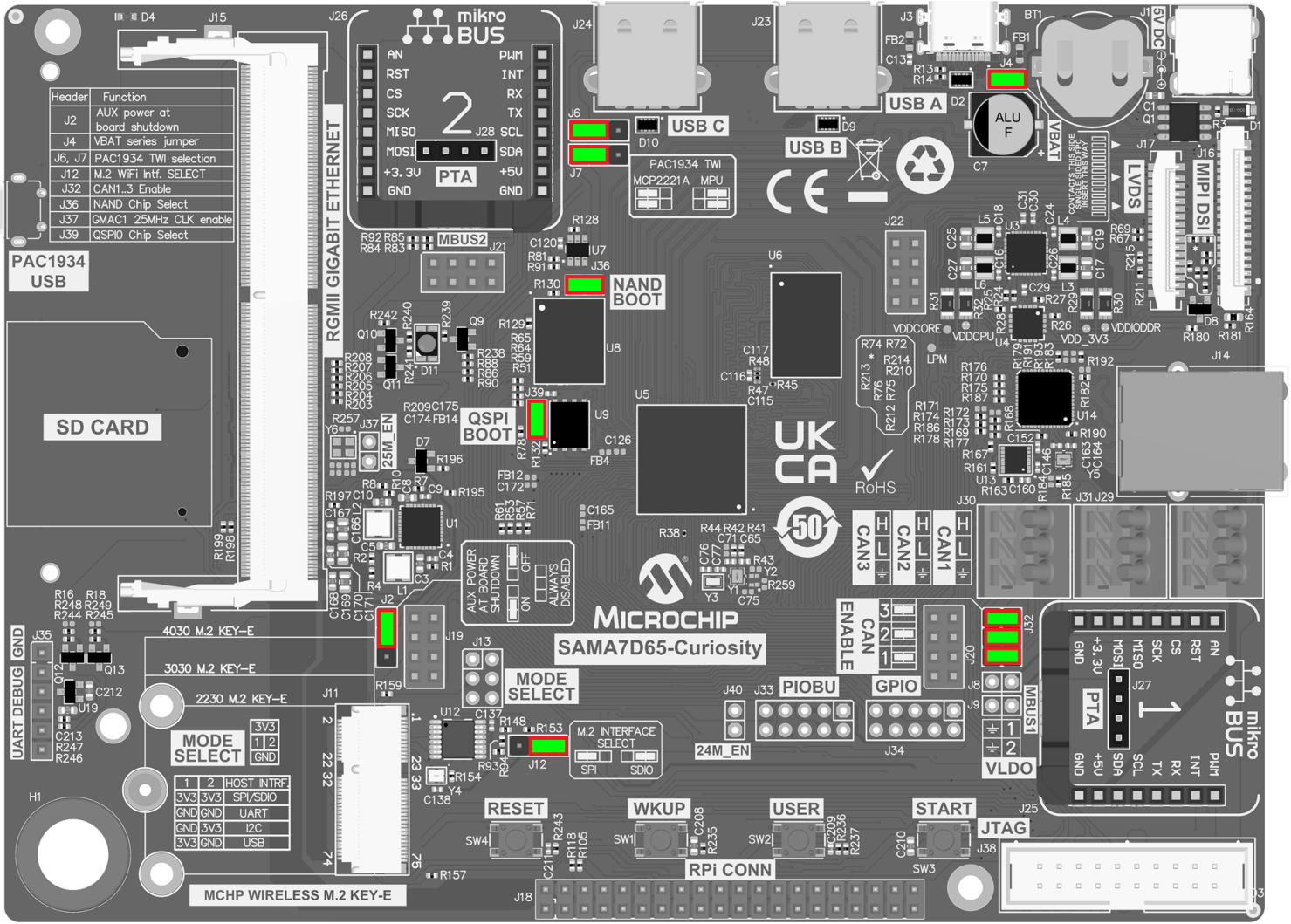
Header Function
J2 AUX power at board shutdown
J4 VBAT series jumper
J6, J7 PAC1934 TWI selection
J12 M.2 WiFi Intf. SELECT
J32 CAN1..3 Enable
J36 NAND Chip Select
J37 GMAC1 25MHz CLK enable
J39 QSPI0 Chip Select
PAC1934 USB
SD CARD
RGMII GIGABIT ETHERNET
mikro BUS
AN
RST
CS
SCK
MISO
MOSI
+3.3V
GND
PWM
INT
RX
TX
SCL
SDA
+5V
GND
PTA
MBUS2
USB C
USB A
USB B
PAC1934 TWI
MCP2221A
MPU
NAND BOOT
QSPI BOOT
25M_EN
AUX POWER AT BOARD SHUTDOWN
OFF
ON
ALWAYS DISABLED
MICROCHIP
SAMA7D65-Curiosity
CAN ENABLE
CAN3
CAN2
CAN1
4030 M.2 KEY-E
3030 M.2 KEY-E
2230 M.2 KEY-E
MODE SELECT
3V3
GND
HOST INTRF.
SPI/SDIO
UART
I2C
USB
MCHP WIRELESS M.2 KEY-E
M.2 INTERFACE SELECT
SPI
SDIO
UART DEBUG
GND
PIOBU
GPIO
24M_EN
VLDO
MBUS1
LVDS
MIPI DSI
VBAT
ALU F
5V DC
RESET
WKUP
USER
START
RPi CONN
JTAG
VDDCORE
VDDCPU
LPM
VDD_3V3
VDDIODDR
UK CA
RoHS