CAPACITORS

C4 0603 = 0.1uf	BACK
C5 0603 = 0.1uf	BACK
C3 0603 = 0.1uf	F3
C6 0603 = 0.1uf	C4
C7 0603 = 0.1uf	F4
C8 0603 = 0.1uf	F4
C2 0603 = 4.7uf	C4
C17 0603 = 4.7uf	H7
C19 0603 = 4.7uf	J6
C22 0603 = 4.7uf	H2
C26 0603 = 4.7uf	F7
C29 0603 = 4.7uf	F5
C11 0603 = 10pf	H3
C12 0603 = 10pf	J7
C13 0603 = 10pf	I7
C14 0603 = 10pf	G7
C15 0603 = 10pf	H7
C1 0603 = 22uf	D3
C9 0603 = 0.22uf	H7
C10 0603 = 0.22uf	K3
C16 0603 = 0.22uf	I7
C18 0603 = 0.22uf	J6
C21 0603 = 0.22uf	I3
C25 0603 = 0.22uf	G7
C28 0603 = 0.22uf	G5
C32 0603 = 0.22uf	J5
C33 0603 = 0.22uf	H7
C35 0603 = 0.22uf	G8
C20 0603 = 0.01uf	I3
C24 0603 = 0.01uf	G7
C30 0603 = 10uf	F5
C23 0603 = 10uf	H3
C34 0603 = 10uf	H8
C27 0603 = 2.2uf	F7
C31 0603 = 2.2uf	J5
C36 0603 = 2.2uf	B4
C37 0603 = 2.2uf	B3

RESISTORS

R5 0603 = 1k	K4
R2 0603 = 100k	F3
R3 0603 = 100k	D5
R8 0603 = 100k	K2
R9 0603 = 100k	C2
R10 0603 = 100k	C2
R7 0603 = 2.2M	J7

INDUCTORS

L3 0805 = 4.7uH	G6

DIODES

D1 LED 0805	K5
D3 BAT54C	D6
D4 BAT54C	D6

CONNECTORS

J1 USB	A4
J6 SDCARD	A6
U4 BUTTON	K7

ICS

IC1 MIMXRT1062DVJ6B	H5
U1 W25Q64JVXGIM_DFN8	E6
U2 MKL02Z32	K3
U3 IS42S16160J-6BLI	E3

MOSFETS

Q1 DMG2305UXQ	C2
Q2 RE1C002UNTCL	C1

CRYSTALS

X1 TSX-3225 24mz	I7
X2 Q13FC135000	H7

FERRITE BEAD

FB1 0603 = 120Ω	C3
FB2 0603 = 120Ω	F5

3v3 REGULATOR

U4 AP2112K-3.3	B4

To power off 5v usb use U4, C36, C37 and Fill Bridge
Else power externally from 3.3v Pin and leave U4, C36, C37 Empty