

Charge Pump -5V

IC2
MAX660MX_NOPB

FC 1
CAP+ 2
GND 3
CAP- 4
V+ 8
OSC 7
LV 6
OUT 5

150uF C20

GND

VBUS

VBUS_M

150uF C24

GND

C1,C2 150uF datasheet

[illegible]

Debug serial can be through an another uC, in order to debug the F4 with USB