U2
TPS73601DBVR

printed
SJ3

EN
NR/FB
IN
GND
OUT

VDD_BAT

SJ1
VDD_3V3

R1
52.3k
R2
30.1k

C50
1uF
C51
220nF
C49
1uF

LED1
470
R3
GND

GND GND GND GND

R21 and R22 setup the output voltage.

VDD_3V3
CON2
MOLEX_52892-1033

LCD_SCLK
LCD_CS

LCD_MOSI
LCD_EXTCOMI

C47
100nF
C48
100nF

GND GND

J1
VDD_BAT

EFM_PB5   LCD_SCLK
EFM_PB3   LCD_MOSI
EFM_PB6   LCD_CS
EFM_PB7   LCD_EXTCOMI
VDD_2V

GND

VDD_2V   VDD_3V3
U3
TXS0108EPWR

VCCA
VCCB

OE

R5
100k

GND

EFM_PB5
EFM_PB3
EFM_PB6
EFM_PB7

A1
A2
A3
A4
A5
A6
A7
A8

B1   LCD_SCLK
B2   LCD_MOSI
B3   LCD_CS
B4   LCD_EXTCOMI
B5
B6
B7
B8

SJ2
SJ4
SJ5
SJ6

GND

GND

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