MCU

LED

IO

RTC

Jtag

EzPort:

SWD:

PORT A

PORT B

PORT C

PORT D

PORT E

PK60N512VMD100 + 144 BGA SOCKET

U1 LP2985A-33DBVR-150mA
Vin Vout
GND
ON/OFF BYPASS

Y1 50MHZ
RESET1

P1 Header 20X2
P2 Header 20X2
P3 Header 5X2
P4 Header 10X2
P5 Header 10X2

D1 PWR
D2 1N5817
D7
D3 LED3 R1 1K
D4 LED2 R2 1K
D5 LED1 R5 1K
D6 LED0 R7 1K