

# EVB-USB2514QFN36

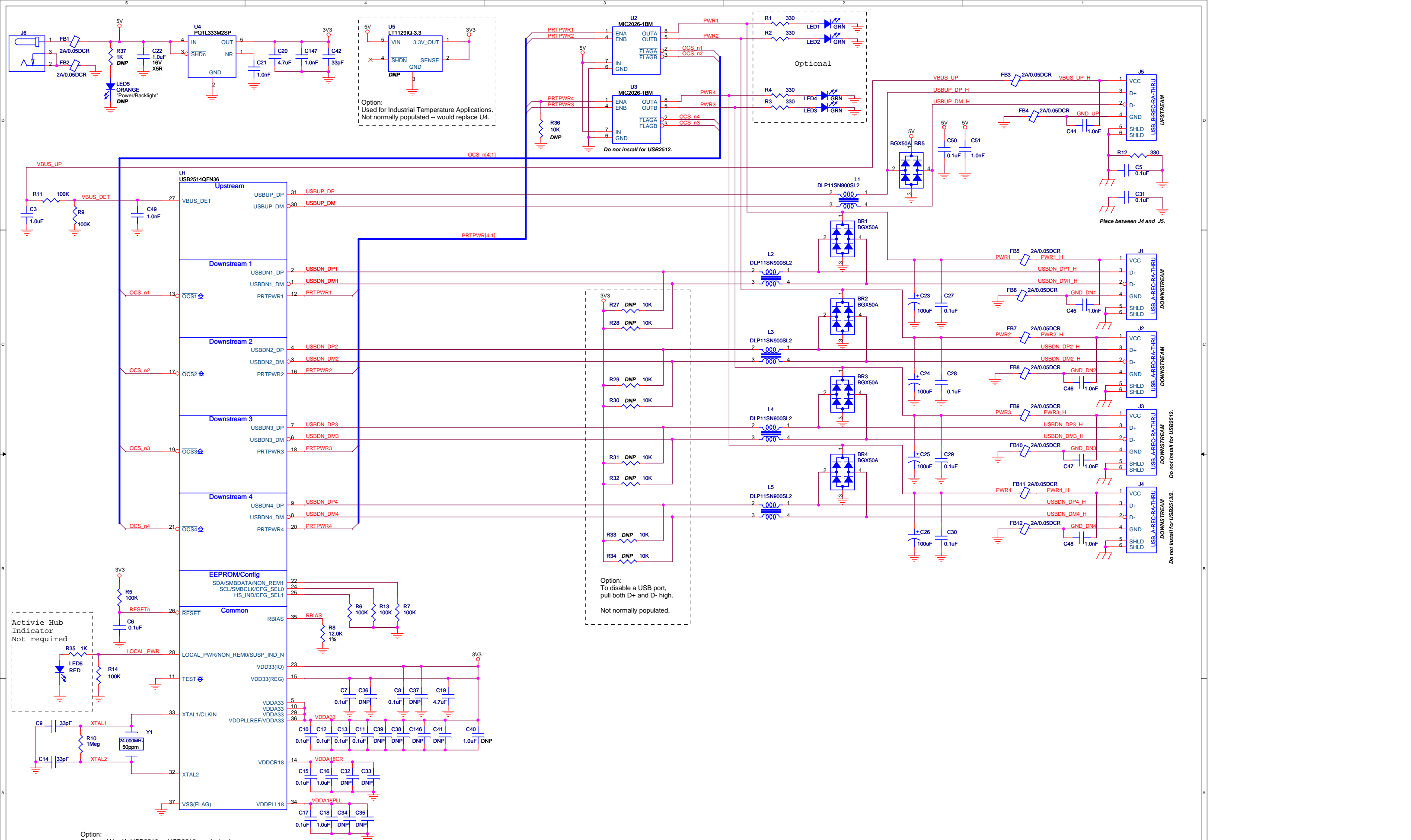
Customer Evaluation Design for USB2514,  
QFN36 package

Self-powered, 4-port USB 2.0 HUB, low-cost,  
Basic feature set

(\*Also Supports USB2513 and USB2512 in  
3-port and 2-port implementations.)

## Revision History

Revision	Date	Revision Summary	Author
01	20070108	Initial schematic - from CRD-USB2514QFN36_A.	Hans Magnusson
02	20070109	Replaced regulator, power connector, and 1% parts, revised USB2514 symbol.	C. Johnson
A	20070115	Released.	C. Johnson
A1	20070525	Chg Non_Rem0 PU to PD.	C. Johnson
00B	20080317	1. Add 0.5 to 1.0A beads on VBUS and ground return on up and down stream ports. 2. Add more cap locations for 1.8V and 3.3V. 3. Add DDPK 1129 regulator stuffing option. 4. Add ESD diodes and common mode chokes for up and down stream ports. 5. Add 1nF capacitors for VBUS on down stream ports.	John Caras
01B	20080321	Forward transfer, components swaps.	C. Johnson
02B	20080402	Replaced 0603 caps with 0402, as practical, added caps per layout needs.	C. Johnson
03B	20080902	Updated DNP attributes	C. Johnson
04B	20081030	Modified USB251X symbol pin XTAL2	H. Magnusson



Option:  
Used for Industrial Temperature Applications.  
Not normally populated -- would replace U4.

Do not install for USB2512.

Option:  
To disable a USB port,  
pull both D+ and D- high.  
Not normally populated.

Do not install for USB2512.

Do not install for USB2513/2.

Option:  
Replace U1 with USB2513 or USB2512, as desired.

Do not install Port 4 components when using USB2513 or USB2512.

Do not install Port 3 components when using USB2512.

