ALINX 882 FPGA

<https://item.taobao.com/item.htm?spm=a1z02.1.2016030118.d2016038.EKrfQc&id=25225744375&scm=1007.10157.32217.100200300000000&pvid=4d33344d-9ae0-4639-b941-6925c769acfb&wwlight=cntaobaoengelbert-%7B25225744375%7D>

USB Blaster(Probably can get one for free by negotiating)

https://item.taobao.com/item.htm?spm=0.0.0.0.LcsvNB&id=40194795694

/\*DON’T NEED TO SEND THIS PART TO PAUL, JUST FOR OUR FUTURE REFERENCE

gamma矫正实验；SOBEL边缘检测实验 ；红蓝3D实验；字符叠加;双屏幕拼接；视频叠加冻结；YCbCr4：2：2转 YCbCr4：4：4；颜色空间转换；BT656解析；隔行转逐行；帧率转换；半透明算法（alpha混合）；视频缩放；帧缓存管理HDMI接口驱动（支持1920 x1080 @60P）；VGA接口驱动（支持1920 x1080 @60P）；IIC接口驱动；FPGA驱动DDR2(可稳定运行200M);PIP显示（画中画）；单画面显示；4分屏分割显示；gamma矫正；SOBEL边缘检测； 红蓝3D；字符叠加OSD；双屏幕拼接；视频冻结 \*/

Fish eyed lens

<https://world.taobao.com/item/536596424691.htm?spm=a312a.7700714.0.0.wT5cKS#detail>

Image sensor

<https://item.taobao.com/item.htm?spm=2013.1.0.0.4AKXVt&id=532988877099&ali_refid=a3_430582_1006:1109264529:N>

2.8mm lens(Just in case)

<https://item.taobao.com/item.htm?spm=2013.1.0.0.7gSLMJ&id=39135701650>

Slot for lens

<https://item.taobao.com/item.htm?spm=2013.1.0.0.7gSLMJ&id=39145117966>

Connection cables

<https://item.taobao.com/item.htm?spm=2013.1.0.0.7gSLMJ&id=38404447487>