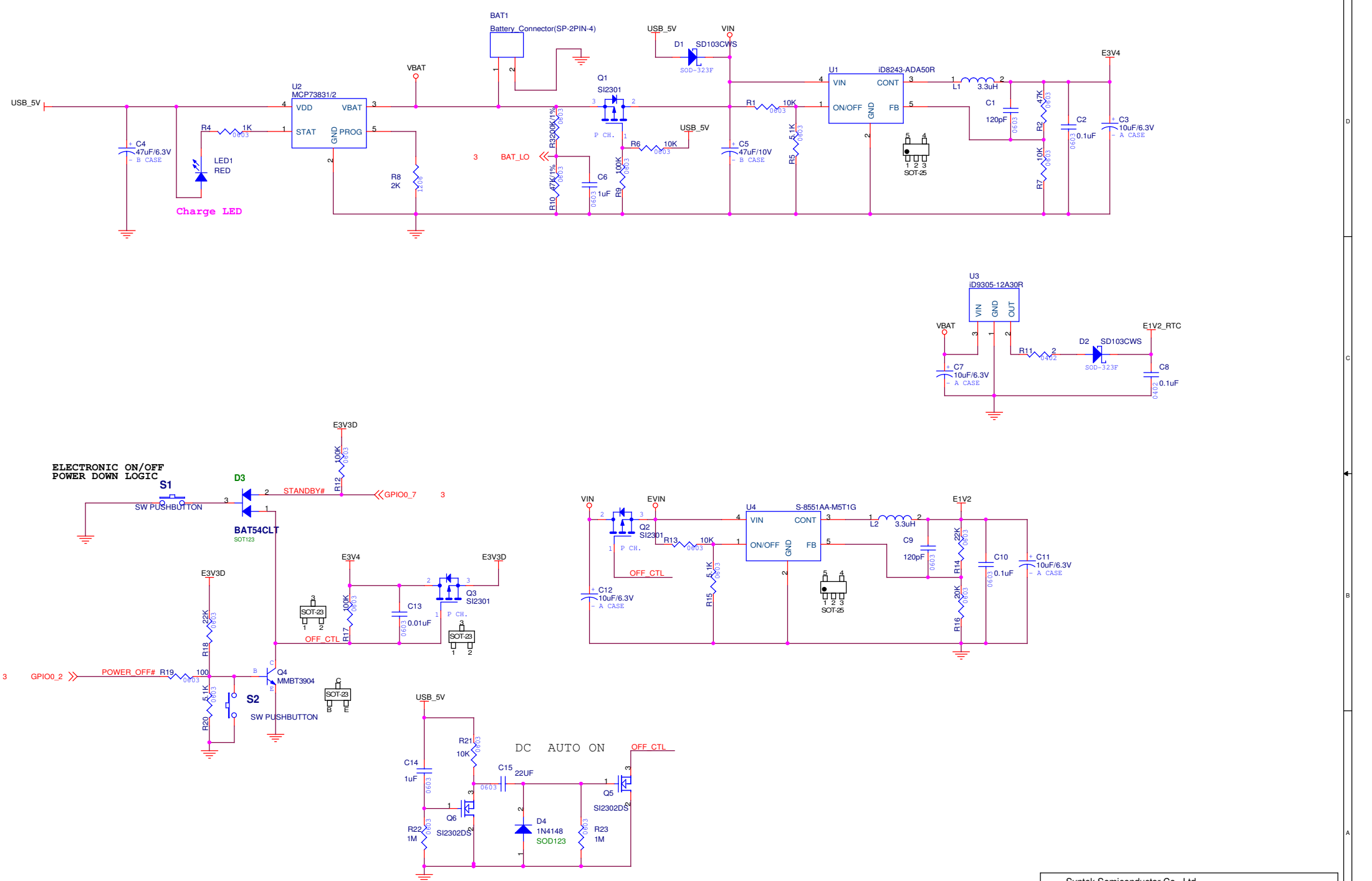


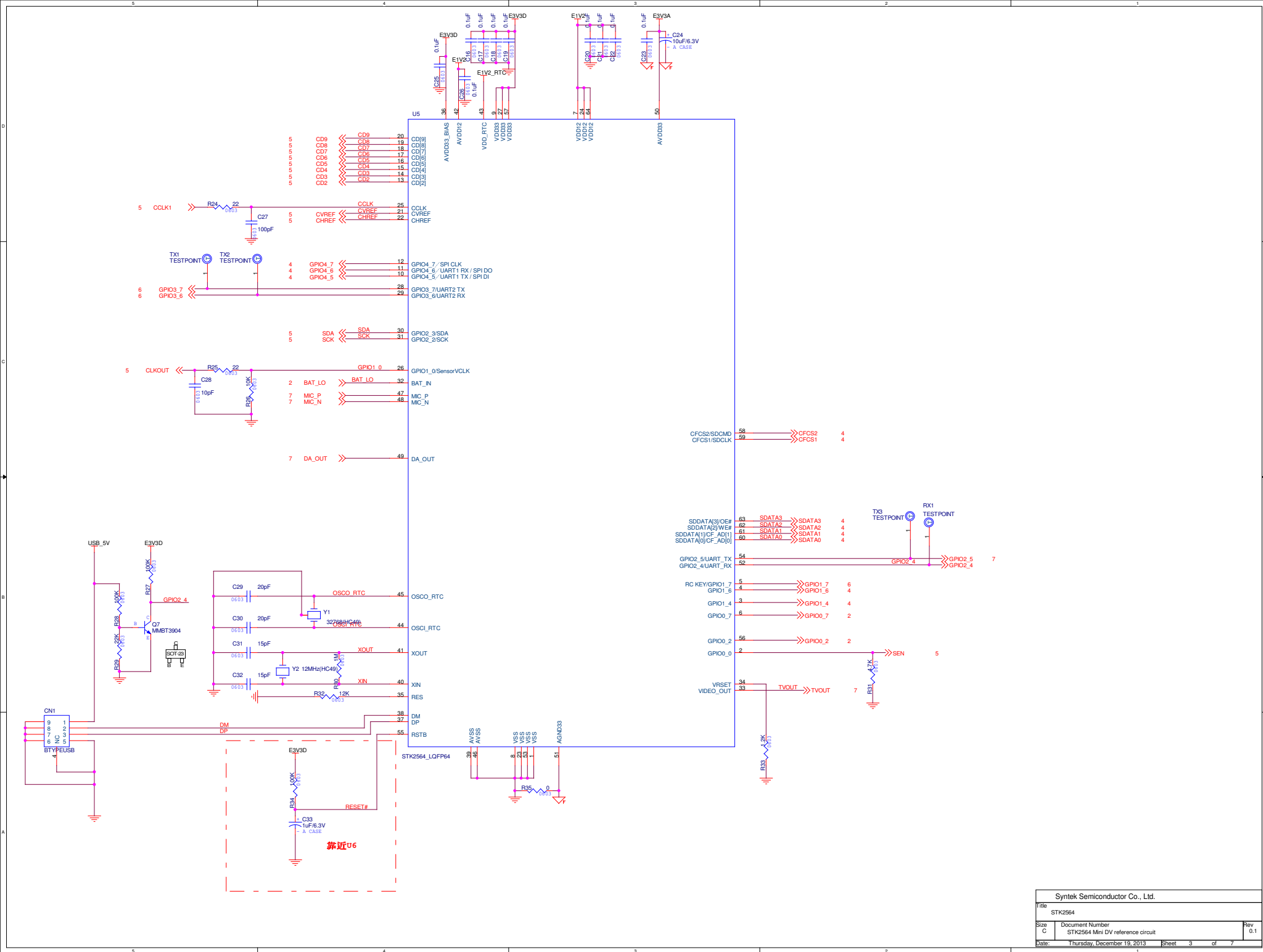
STK2564 Mini DV reference circuit for Syntek Ver. 0.1

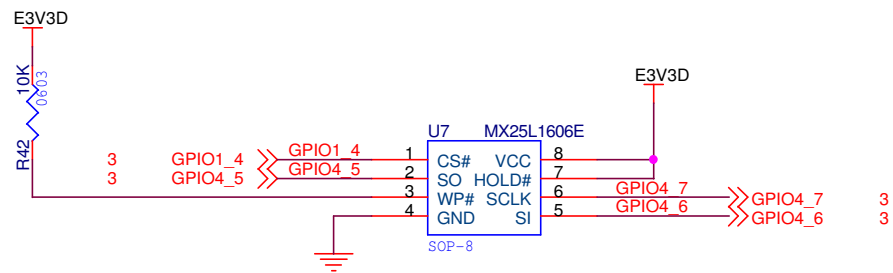
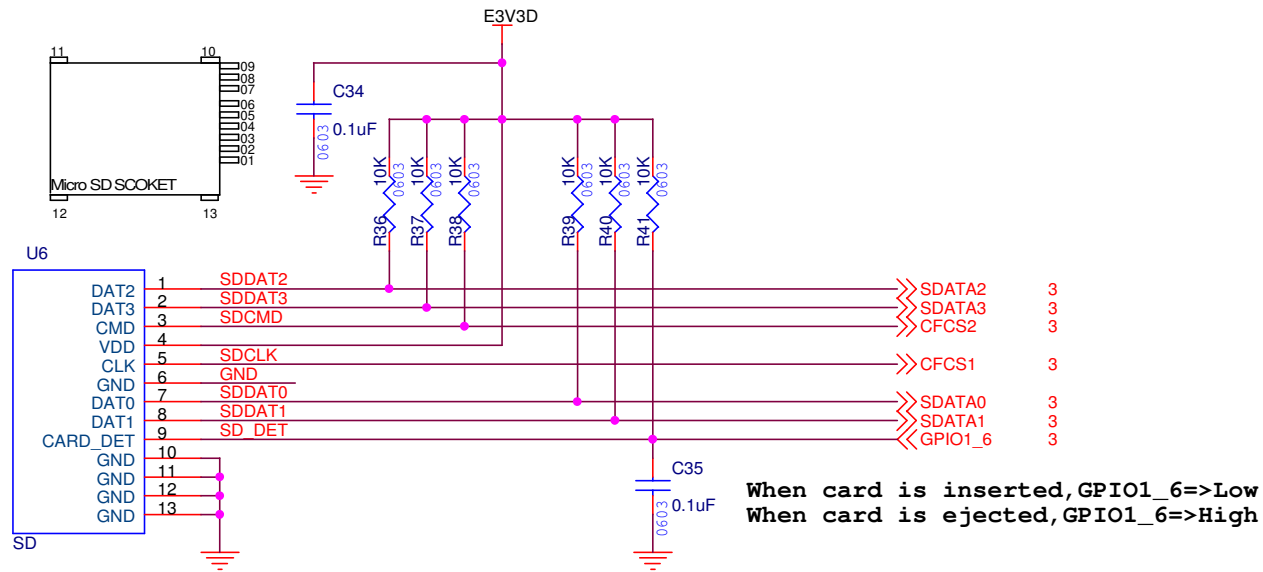
- GPIO0_0 (O/P) Sensor Enable
- GPIO0_2 (O/P) POWEROFF#
- GPIO0_7 (I/P) Key_Power
- GPIO1_0 (O/P) Sensor ADCLK
- GPIO1_4 (O/P) SPI CS
- GPIO1_6 (I/P) SD CARD DETECT
- GPIO1_7 (I/P) Key_Mode
- GPIO2_2 (I/O) Sensor SCL
- GPIO2_3 (I/O) Sensor SDA
- GPIO2_4 (I/P) RX/(I/P) USB CONNECTION DETECT
- GPIO2_5 (O/P) TX/(O/P) Audio out Enable
- GPIO3_6 (I/P) UART2 RX/(O/P) Status LED1
- GPIO3_7 (O/P) UART2 TX/(O/P) Status LED2
- GPIO4_5 (I/P) SPI DI
- GPIO4_6 (O/P) SPI DO
- GPIO4_7 (O/P) SPI CLK

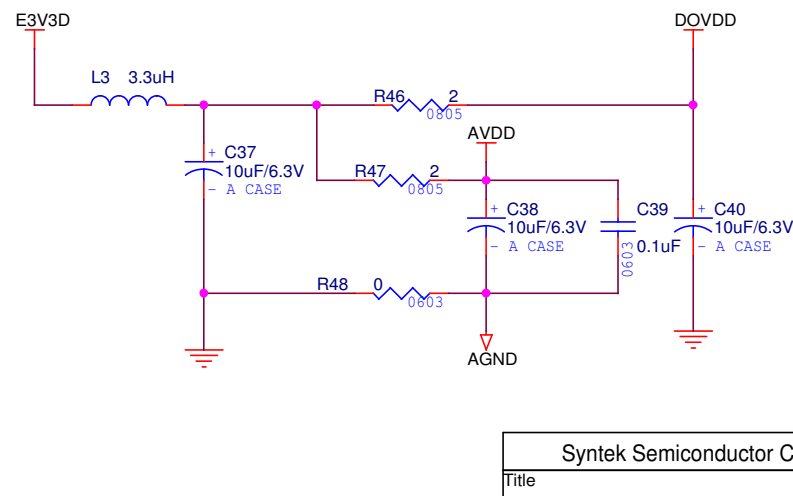
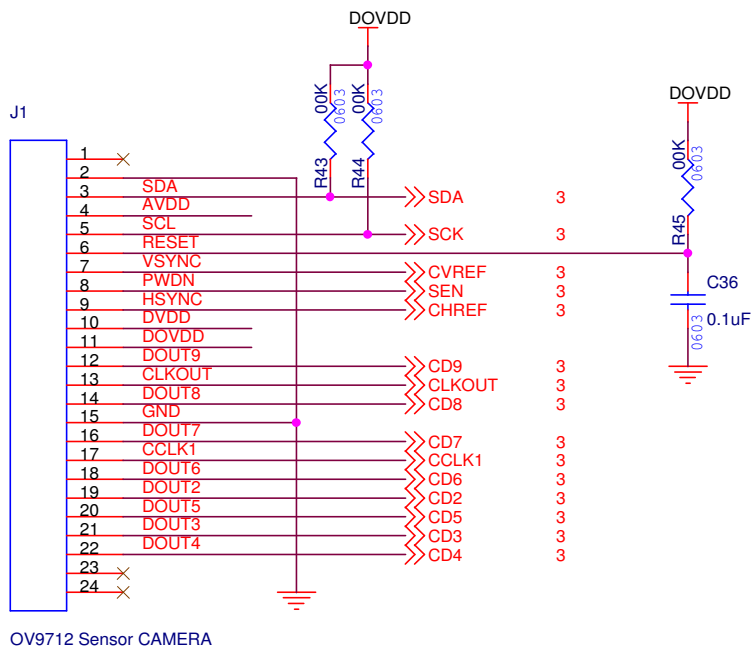
Syntek Semiconductor Co., Ltd.		
Title		
TTitle		
Size	Document Number	Rev
A4	STK2564 Mini DV reference circuit	0.1
Date:	Thursday, December 19, 2013	Sheet 1 of 7



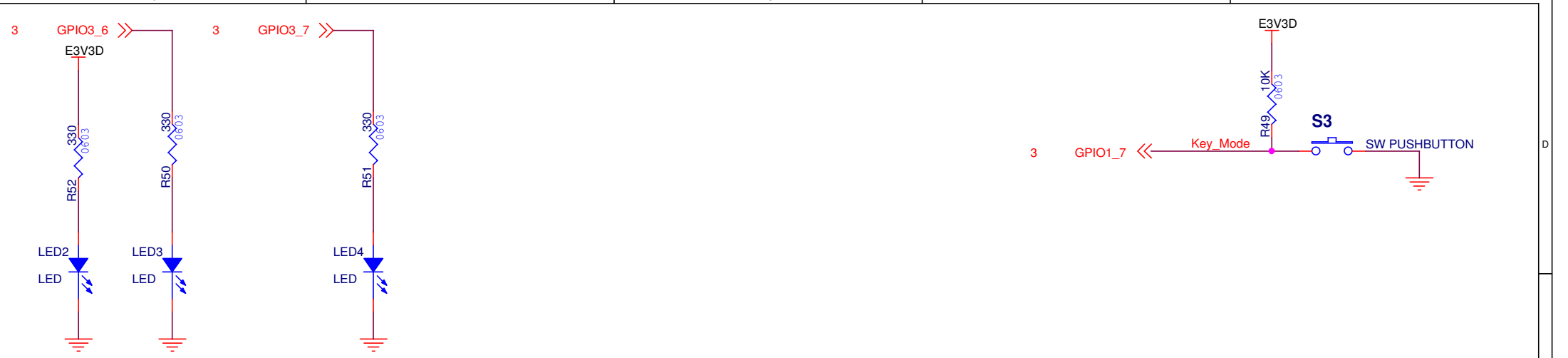
Syntek Semiconductor Co., Ltd.			
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Power supply			
Size	Document Number	Rev	
A3	STK2564 Mini DV reference circuit	0.1	
Date:	Thursday, December 19, 2013	Sheet	2 of 7



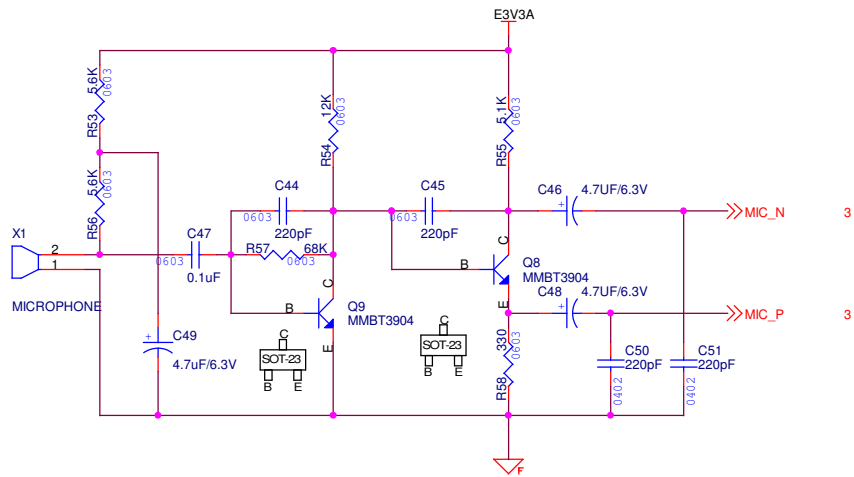




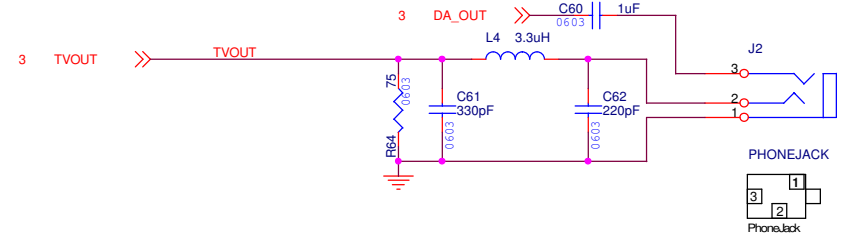
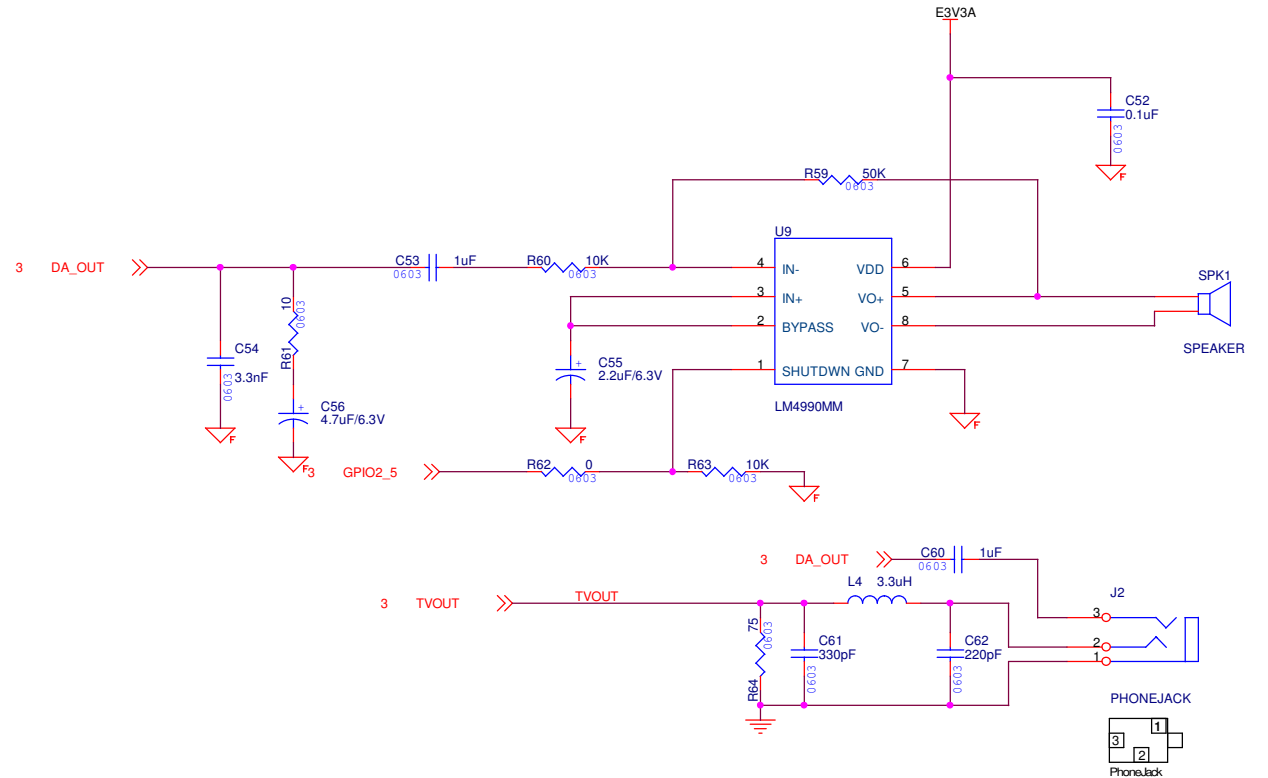
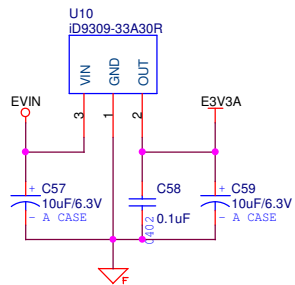
Syntek Semiconductor Co., Ltd.		
Title		
Sensor Module		
Size	Document Number	Rev
A4	STK2564 Mini DV reference circuit	0.1
Date:	Thursday, December 19, 2013	Sheet 5 of 7



Syntek Semiconductor Co., Ltd.		
Title		
Pushbutton		
Size	Document Number	Rev
A4	STK2564 Mini DV reference circuit	0.1
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(G) MIC_P MIC_N (G) MIC_BIAS (G)
 (G) (G) (G)
 USE Ground plane to guard MIC input pair (MIC_P, MIC_N).



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Title			
AUDIO & TVOUT			
Size	Document Number	Rev	
B	STK2564 Mini DV reference circuit	0.1	
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