

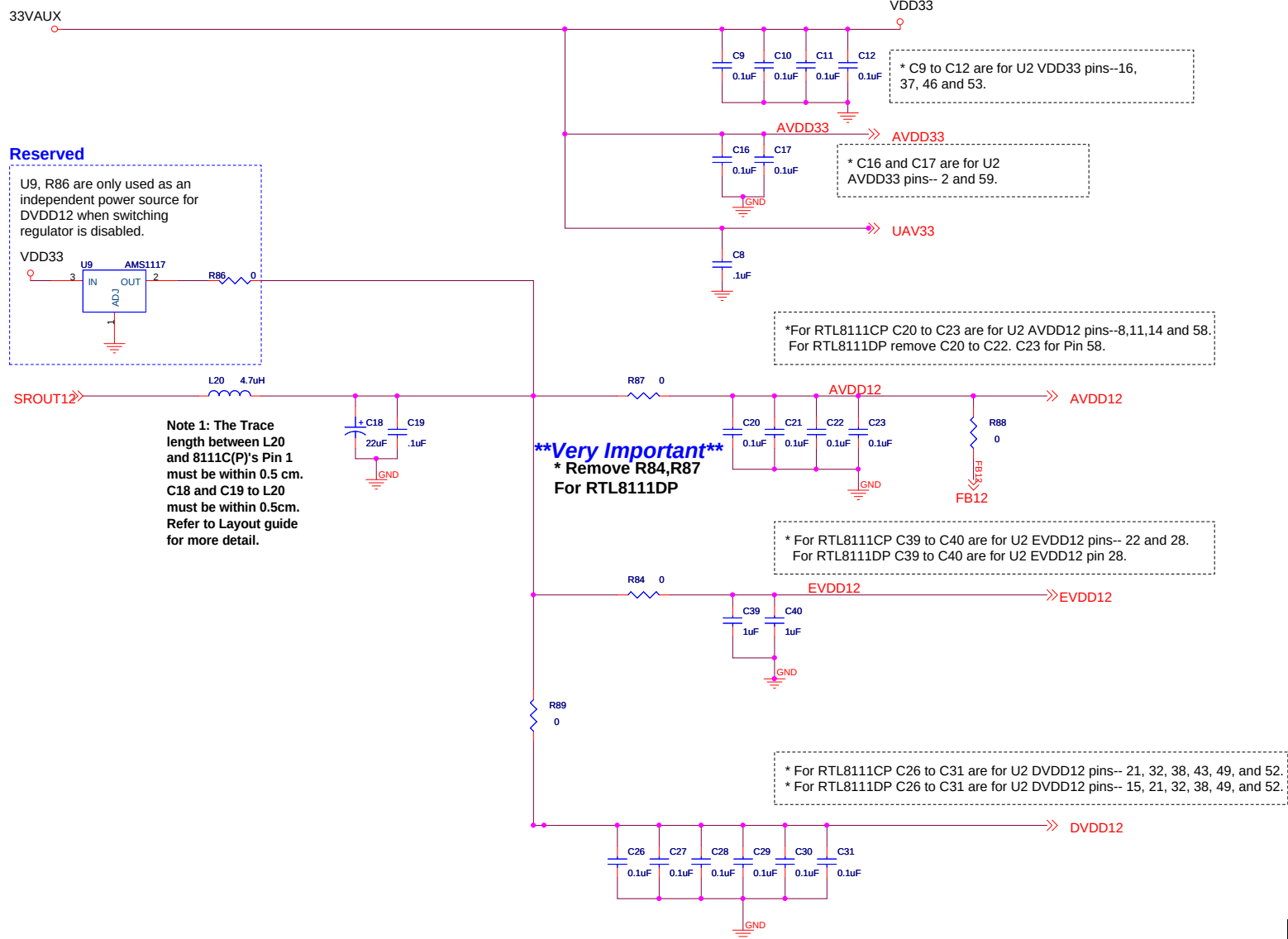
# RTL8111C(P)/8111D(P) circuit

Rev. 1.50

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|                                              |                                      |             |
|----------------------------------------------|--------------------------------------|-------------|
| Realtek Semiconductor Corp.                  |                                      |             |
| Title<br>RTL8111C(P)/8111D(P) circuit: Index |                                      |             |
| Size<br>A3                                   | Document Number<br>RTL8111CP_150.DSN | Rev<br>1.50 |
| Date: Monday, December 15, 2008              |                                      |             |
| Sheet 1 of 4                                 |                                      |             |





### Change Notice from 1.00 to 1.01

1. Update decoupling capacitors and comment (Page 2).
2. Change R66 to Bead (Page 2).
3. Update U4 and U5 comment for each product. Update U5 part name. (Page 3)
4. Pin R34 and R35 changed to NC pins (Page 3).
5. Remove R101 and R102 and add R98 and R99(Page 3)
6. Add R11 10K for 8111CP application(Page 3)

### Change Notice from 1.01 to 1.10

1. Add C8, C32, U9, R84, R85, R86 and R87. (page 2)
2. Change L4 to R84 0 ohm. Remove R88. (Page 2)
3. Change component R90's connection and resistance. value(page 3)
4. Add R95 0 ohm for disable switching regulator. (Page 3)
5. Remove R91 to R93. (Page 3)
6. Add R97 for SMALERT pin. (Page 3)
7. Add C91 at FB12 for better EMI performance. (Page 3)

### Change Notice from 1.10 to 1.20

1. RTL811DP Pin chage. Change pin 22 to SMALT. Change Pin 15 to DVDD12 . (page 3)

### Change Notice from 1.20 to 1.30

1. Change C39 and C40 to 1uF. (page 2)
2. Update ESD Protection Array reference part to SRV05-4,TCT. (Page 3)

### Change Notice from 1.30 to 1.40

1. Update Disable/Enable Switching regulator circuit. Add R92 and R93(Page 3).

### Change Notice from 1.40 to 1.50

1. FB12 Signal connect to AVDD12(Page 2).
2. Add R29 for RTL8111CP(Page 3).
3. Add C92,C93 for USB Power(Page 3) .

|                                                    |                                      |              |
|----------------------------------------------------|--------------------------------------|--------------|
| Realtek Semiconductor Corp.                        |                                      |              |
| Title<br>RTL8111C(P)/8111D(P)circuit: Change Notes |                                      |              |
| Size<br>A                                          | Document Number<br>RTL8111CP_150.DSN | Rev<br>1.50  |
| Date:                                              | Wednesday, December 17, 2008         | Sheet 4 of 4 |