Setting the output voltage:

	RX/RY
3.3V:	3.30K & 100K
5V:	1.91K
6.5V:	1.50K & 22.0K
12V:	732 & 29.4K
15V:	562
16.5V:	510
24V:	374 & 4.42K

RX/Y = 8000/(Vout-0.8)

RX1/RY1 are 0.1% 805
RX2/RY2 are 1.0% 1206

Setting the LED current:

	R34/R37
3.3V:	124
5V:	255
6.5V:	374
12V:	910
15V:	1.30K
16.5V:	1.50K
24V:	3.00K

R34/37 = R35/36 V / (ILED R35/36 - V)
with V = Vout-VLED

Output capacitor values and voltage ratings

	ceramic	electrolyte
7V:	100u / 16V	10m / 16V
12V:	47u / 25V	5.6m / 25V
17V:	47u / 25V	3.9m / 35V
24V:	22u / 50V	2.7m / 50V

Output filter: 50dB suppression at 260kHz

Title: Synchronous Buck Regulator: PM

Size	Number	Revision
B	D060431	A

Date: 11/15/2006 Sheet1 of 1
File: C:\User\..\PowerSupplyPM.SchDoc Drawn By: Paul Schwinberg/Daniel Sigg