

R627换成6.65K=80B才可以  
同时R643换成10K最大跑牙保护109V  
方式一：电位器分压输入0.53--1.74V控制输出  
方式二：MCU控制0.41--1.74V  
输出电压范围在20--105V

大板子R627换成可调20K+6.65K可  
输出范围在20.5-100V.注意6.65K电阻  
另一端要接到负载. 限流电压用的,  
不要接错了, 不然电压调不欠.

RP2调整到对地电压1.67V

X掉这里, 走外加运放实现单片机  
电位器设置电压电流

默认分压比: 65V//1.74V  
电压比: 30--100V//0.8--2.67V

取样参考0.8--2.67V

取样参考1.52--5.1V

实际输出过流取样参考  
1.333V/40A  
计算方案:  $R28/(R22+21)=67$ 倍

1	GPIO22/EQEP1S/LINTXA	64	GPIO24/ECAP1
2	GPIO32/SDAA/EPWMSYNCl/ADCSDCAO#	65	GPIO21/EEEP1B/COMP2OUT
3	GPIO33/SCLA/EPWMSYNCO/ADCSDCO#	66	GPIO20/EEEP1A/COMP1OUT
4	GPIO23/EEEP1I/LINRXA	67	GPIO34/COMP2OUT/COMP3OUT
5	VDD	68	VREGEN2#
6	VSS	69	VDD
7	XRS#	70	VSS
8	TRST#	71	VDDIO
9	ADCINA7	72	GPIO0/EPWM1A
10	ADCINA6/COMP3A/AIO6	73	GPIO1/EPWM1B/COMP1OUT
11	ADCINA4/COMP2A/AIO4	74	GPIO2/EPWM2A
12	ADCINA3	75	GPIO3/EPWM2B/SPISOMIA/COMP2OUT
13	ADCINA2/COMP1A/AIO2	76	GPIO10/EPWM6A/ADCSDCOB#
14	ADCINA1	77	GPIO4/EPWM3A
15	ADCINA0/VREFHI	78	GPIO5/EPWM3B/SPSIMOA/ECAP1
16	VDDA	79	GPIO11/EPWM6B/LINRXA/HRCAP2
17	VVVSAREFLO	80	GPIO36/TMS
18	ADCINB0	81	GPIO35/TDI
19	ADCINB1	82	GPIO37/TDO
20	ADCINB2/COMP1B/AIO10	83	GPIO38/TCK/XCLKIN
21	ADCINB3	84	GPIO19/XCLKIN/SPISTEA#/LINRXA/ECAP1
22	ADCINB4/COMP2B/AIO12	85	VDD
23	ADCINB6/COMP3B/AIO14	86	VSS
24	ADCINB7	87	X1
25	GPIO31/CANTXA	88	X2
26	GPIO30/CANRXA	89	GPIO6/EPWM4A/EPWMSYNCl/EPWMSYNCO
27	GPIO29/SCITXDA/SCLA/TZ3#	90	GPIO7/EPWM4B/SCIRXDA
28	VDDIO	91	GPIO12/TZ1#/SCITXDA
29	TEST2	92	GPIO16/SPISIMOA/TZ2#
30	GPIO9/EPWM5B/LINTXA/HRCAP1	93	GPIO8/EPWM5A/ADCSDCAO#
31	GPIO28/SCIRXDA/SDAA/TZ2#	94	GPIO17/SPISOMIA/TZ3#
32		95	GPIO18/SPIGLKA/LINTXA/XCLKOUT

输出过压保护参考1.02V  
输出欠压保护参考0.3V

输出电压取样30--100V//0.3\*1.02V

实际输出电流采样1  
20A//1.33V

实际输出电流采样2  
20A//1.33V2