

2.1.5 DC-DC Converter Circuit

+24V from the POW PC Board is supplied to SC PC Board and it is divided by the DC-DC converter on the SC PC Board to provide necessary voltage to each section described in below.

Voltage	Range	Output Current	DC/DC Converter
+5V	5.25 ~ 4.75V	Approx. 350mA 500mA (Max.)	MC34063A IC20
-10V	-9.3 ~ -10.3V	Approx. 50mA (Max.)	MC34063A IC14
+12V	11.4 ~ 12.6V	Approx. 50mA (Max.)	78L12 IC12

2.1.6 Buzzer Sound Generation Circuit

pBZCK is inputted to IC25 from IC2 (CPU). Buzzer volume can be switched in 16 levels by the volume setting of IC25 which is set by the 4-bits volume setting signal generated by PRC (IC3). Volume setting signal is inputted to IC23 from IC25. Buzzer sound is outputted from IC23.