6.30
ALARM 920 TO 922 (WATCH DOG OR RAM PARITY)

920 : Watch dog alarm or servo system alarm of 1st to 4th axis.
921 : Sub–CPU watchdog alarm or 5th/6th servo system alarm
922 : 7th/8th servo system alarm

Points

● **Watch dog timer alarm**

The timer used to monitor the operation of CPU is called the watch dog timer. The CPU resets timer time every time a constant time has passed. When an error occurs in CPU or peripheral device, timer is not reset but the alarm is informed.

Causes and Remedies

● **Axis P.C.B is faulty**

The servo module includes servo RAM, watch dog timer circuit, etc. Defectiveness of hardware, abnormality or malfunctioning of detection circuit or the like is considered.

● **Master P.C.B is faulty**

CPU or peripheral circuits may be faulty. Replace the master P.C.B.

● **Memory P.C.B is faulty**

Software may not work properly due to failure of memory PCB. Change the memory PCB.

● **Power supply unit is faulty**

DC output voltage of power supply unit may be faulty. Replace the power supply unit.