10-3-2. Original Size Detection Processings

- The copier performs different processings for the detection of the original size under different copier conditions as follows.

	Copier Condition	Original Size Detection Processing
1	The Original Cover is left open. * Original Cover Angle Detecting Sensor PC111 remains deactivated.	LEDs of Original Size Detecting Sensors PC115 to 119 project light onto the original and the photo receivers of the sensors receive the reflected light to transmit the corresponding data to Original Size Detecting Board UN2. UN2 determines the original size based on the combination of the output data from the original size detecting sensors. UN2 divides the original size data into two Ports and transmits 4-bit parallel data to Master Board PWB-A approx. every 73 msec. PWB-A combines the 4-bit original size data back into 8-bit data and stores it in memory.
2	The Original Cover is lowered to an angle less than 15°. * PC111 is activated.	The original size data is latched when PC111 is activated and the original size is set.
3	The Original Cover is completely lowered. * The magnets fitted to the Original Cover actuate Size Reset Switch S108.	The copier selects the appropriate paper size based on the set original size data and selects the paper source loaded with paper of that size, with the paper size indicated on the control panel (when in the Auto Paper or Size mode). If the copier is unable to find the target paper size, it lights up the Add Paper Indicator.
4	The Original Cover is raised to an angle less than 15° * S108 is deactuated. * PC111 remains activated.	The set original size data and selected paper size are reset.
5	The Original Cover is raised to an angle more than 15°. * PC111 is deactivated.	The copier proceeds with the next original size detection sequence.

* If the Start Key is pressed with the Original Cover raised (PC111 is deactivated and S108 deactuated), UN2 transmits the original size data available when the Start Key is pressed to Master Board PWB-A for the selection of the paper size.