

ML 3320/3321

Alarm Category	Alarm Item	LED Display									Remarks
		10 cpi	12 cpi	15 cpi	17 cpi	20 cpi	Prop.	HSD	UTL	NLQ	
Main Control Alarm	MPU Internal	On	-	-	-	-	-	-	-	-	Read Write error
	Program ROM	-	-	On	-	-	-	-	-	-	Check Sum error
	RAM on Control Board	-	-	-	-	On	-	-	-	-	Read Write error
	CG ROM	-	-	On	-	-	-	-	On	-	Check Sum error
	EEPROM	-	-	On	-	-	-	-	-	Bold	No reaction when MPU reads data
Firmware Detection Alarm	Watch Dog Time-out	-	-	-	On	-	-	-	-	-	MPU is locked up
	NMI Signal	-	-	-	On	-	-	On	-	-	NMI port of MPU is kept at low level
	BRK Instruction	-	-	-	On	-	-	-	On	-	FFFF Data is detected
Serial Interface Alarm	MPU Internal	On	-	-	-	-	-	On	-	-	Read write error
	ROM	-	-	On	-	-	-	On	-	-	Check Sum Error
	RAM on I/F	-	-	-	-	On	-	On	-	-	Read Write
	I/F	-	On	-	-	-	-	On	-	-	No reaction from I/F board
Spacing Alarm	Head Homing	-	-	-	-	-	On	-	On	-	Print Head does not reach home position
	Spacing	-	-	-	-	-	-	On	On	-	Space IPT has not occurred
Print Head Alarm	A/D	On	-	-	-	On	-	-	-	-	Thermistor Error
	Print Head Gap A/D	On	-	-	-	On	-	On	-	-	Print Head Gap Signal Open

All the above error indications have the Alarm light blinking at 200ms frequency