Fault Codes For Series DF (26 Side Only) & Series 26

Review "Series 26 Fault Code Troubleshooting" document for more help.

FAULT CODE REFERENCE CHART

FAULT CODE (BLINKS)	FAULT MODE	POSSIBLE REMEDIES
0	NO_FAIL	-
1	NOISY_SWITCH_DETECTED	For Manual Reset or Test Mode Option only. Check for faulty/intermittent switch, intermittent wiring.
2	MANUAL_MODE_WRONG_RESET_STATE_ON_POWER_UP	Check for faulty or unconnected Manual Reset Switch or open circuit wiring of this switch circuit.
3	AUTO_MODE_WRONG_RESET_STATE_ON_POWER_UP	Ensure Reset 1 and Reset 2 (Reset) Terminals are unconnected.
4	STUCK_RESET_SW_INPUT_WITH_TEST_MODE_DISABLED	Check for faulty or unconnected Reset Switch or open-circuit/intermittent wiring of this switch circuit.
5	RESET_INPUT_STUCK	Check for faulty or unconnected Reset Switch or open-circuit/intermitten wiring of this switch circuit.
6	INVALID_BOARD_TYPE	Not Serviceable. Contact Gems factory for assistance.
7	INVALID_S26_MODE_CONFIG	Not Serviceable. Contact Gems factory for assistance.
8	Unused in Single Channel Design	Not Serviceable. Contact Gems factory for assistance.
9	ILLEGAL_POWER_UP	Not Serviceable. Contact Gems factory for assistance.
10	TRIANGLE_AMPLITUDE	Not Serviceable. Contact Gems factory for assistance.
11	TRIANGLE_ZERO_CROSSING	Not Serviceable. Contact Gems factory for assistance.
12	REFERENCE_VOLTAGE_LIMITS	Not Serviceable. Contact Gems factory for assistance.
13	CAPTURE_EDGES_OUT_OF_RANGE	Not Serviceable. Contact Gems factory for assistance.
14	Unused in Single Channel Design	Not Serviceable. Contact Gems factory for assistance.
15	Unused in Single Channel Design	Not Serviceable. Contact Gems factory for assistance.
16	Unused in Single Channel Design	Not Serviceable. Contact Gems factory for assistance.
17	Unused in Single Channel Design	Not Serviceable. Contact Gems factory for assistance.
18	Unused in Single Channel Design	Not Serviceable. Contact Gems factory for assistance.
19	OUT_OF_RANGE_5_VOLT	Not Serviceable. Contact Gems factory for assistance.
20	Unused in Single Channel Design	Not Serviceable. Contact Gems factory for assistance.
21	LLCO_PROBE_BELOW_LOW_LIMIT_FAIL	Not Serviceable. Contact Gems factory for assistance.

22	HIGH_PROBE_BELOW_LOW_LIMIT_FAIL	Not Serviceable. Contact Gems factory for assistance.
23	LOW_PROBE_BELOW_LOW_LIMIT_FAIL	Not Serviceable. Contact Gems factory for assistance.
24	Unused in Single Channel Design	Not Serviceable. Contact Gems factory for assistance.
25	Unused in Single Channel Design	Not Serviceable. Contact Gems factory for assistance.
26	HP_ZERO_CROSSING	"Possible excessive system noise. Ensure system wiring effecting control does not have noisy wire runs in wiring bundle. Contact Gems factory for assistance."
27	LP_ZERO_CROSSING	"Possible excessive system noise. Ensure system wiring effecting control does not have noisy wire runs in wiring bundle. Contact Gems factory for assistance."
28	LLCO_ZERO_CROSSING	"Possible excessive system noise. Ensure system wiring effecting control does not have noisy wire runs in wiring bundle. Contact Gems factory for assistance."
29	WRONG_FIRMWARE_VERSION_DETECTED	Not Serviceable. Contact Gems factory for assistance.
30	EEPROM_CRC_ERROR	Not Serviceable. Contact Gems factory for assistance.
31	RAM_EEPROM_VERIFY_ERROR	Not Serviceable. Contact Gems factory for assistance.
32	-	-
33	INTERNAL_WDT_FAILURE	Not Serviceable. Contact Gems factory for assistance.
34	DIO_TEST_FAILURE	Not Serviceable. Contact Gems factory for assistance.
35	POST_RAM_TEST_FAILURE	Not Serviceable. Contact Gems factory for assistance.
36	PROGRAM_COUNTER_TEST_FAILURE	Not Serviceable. Contact Gems factory for assistance.
37	PERIODIC_RAM_TEST_FAILURE	Not Serviceable. Contact Gems factory for assistance.
38	POST_CPU_REGISTER_TEST_FAILURE	Not Serviceable. Contact Gems factory for assistance.
39	HARDWARE_COMPARATOR_FAILURE	Not Serviceable. Contact Gems factory for assistance.
40	DIRECT_RELAY_DRIVE_FAILURE	Not Serviceable. Contact Gems factory for assistance.
41	FLASH_CHECKSUM_ERROR	Not Serviceable. Contact Gems factory for assistance.
42	POST_FLASH_CHECKSUM_ERROR	Not Serviceable. Contact Gems factory for assistance.
43	PROB_MINDER_VALUES_OUT_OF_RANGE	Not Serviceable. Contact Gems factory for assistance.
44	WRONG_INSTRUCTION_DECODING	Not Serviceable. Contact Gems factory for assistance.
45	TOO_FAST_INTERRUPTS	Not Serviceable. Contact Gems factory for assistance.
46	TOO_SLOW_INTERRUPTS	Not Serviceable. Contact Gems factory for assistance.
47	LAST_FAILCODE_PLUS_1	Not Serviceable. Contact Gems factory for assistance.