

LG Refrigerator Error Codes

No.	Error	Symptom	Cause
1	Defect of freezer sensor	EFS	Short- circuit or disconnection of freezer sensor
2	Defect of refrigerator sensor	ErS	Short- circuit or disconnection of refrigerator sensor
3	Defect of pantry sensor	ESS	Short- circuit or disconnection of pantry Sensor
4	Defect of ice-room snsor	EIS	Short- circuit or disconnection of ice-room sensor
5	Defect of freezer defrosting sensor	FdS	Short-circuit or disconnection of freezer defrosting sensor
6	Defect of room temperature sensor	Ert	Short-circuit or disconnection of RT Sensor
7	Defect of humidity sensor	EHS	Short-circuit or disconnection of humidity Sensor
8	Defect of freezer cubed ice maker sensor	EId	Short-circuit or disconnection of freezer cubed ice maker sensor
9	Defect of Cubed Mini icemaker sensor	EIO	Short-circuit or disconnection of Cubed Mini ice maker sensor
10	Defect of ice maker kit	EIt	Malfunction of ice maker motor
11	Defect of freezer cubed ice maker kit	EIU	Malfunction of Cubed Mini ice maker motor
12	Defect of Cubed Mini ice maker kit	EIC	Malfunction of Cubed Mini ice maker motor
13	Defect of flow meter	EgF	Malfunction of flow meter or lack of water supply

No.	Error	Symptom	Cause
14	Failed Defrosting	FdH	the defrosting sensor does not reach 40°F(5°C) within 80 minutes after defrosting starts
15	Abnormality of BLDC FAN Motor for Freezer	EFF	there is no feedback signal from fan motor for more than 65 seconds
16	Abnormality of BLDC FAN Motor for Ice Maker	EIF	there is no feedback signal from fan motor for more than 65 seconds
17	Abnormality of BLDC FAN Motor for Mechanic Room	ECF	there is no feedback signal from fan motor for more than 65 seconds
18	Communication Error	ECO	Communication error between main MICOM and display MICOM
19	Sub communication error	ESd	Communication error between main MICOM and Sub MICOM
20	Wi-Fi Modem Error	EOD	Defect of Wi-Fi modem, Communication error between display MICOM and Wi-Fi modem
21	High side cycle leakage	ECH	Detected by high side refrigerant leak, restriction, bad comp, bad valve, etc.
22	Low side cycle leakage	ECL	Detected by low side refrigerant leak, bad comp, long time door open, etc.
23	Refrigerator Defrost Sensor Error	rdS	Short or Disconnection Of Defrost Sensor
24	Abnormality of BLDC FAN MOTOR For Refrigerator	ErF	It is caused when feedback signal isn't over 65 seconds during BLDC FAN motor operating
25	UV Nano LED Module Error (Optional)	EUC	Bad UV LED Module, Poor connection of display and UV Module, it is caused when feedback signals are abnormal
26	Abnormal Ice-maker Unit	Elt	The ice maker step motor fault or HALL IC, L/Wire short. Faulty Motor Driving circuit.

No.	Error	Symptom	Cause
27	Water Tank Switch	Ett	Water tank not assembly correctly or water tank switch error
28	Defrosting Sensor Error	EdS	Short or disconnection of defrosting sensor
29	Convertible Sensor Error	ECS	Short or Disconnection of Pantry sensor
30	Auto Door Module Problem	Ead	Error of hall sensor or motor or auto door module connection
31	Auto Door Reed Switch Problem	EAS	Check connector of auto door reed switch
32	Auto Drawer Module Problem (Left)	EdL	Error of hall sensor or motor or auto drawer module connection
33	Auto Drawer Reed Switch Problem (Left)	LAS	Check connector of auto drawer reed switch
34	Auto Drawer Module Problem (Right)	Edr	Error of hall sensor or motor or auto drawer module connection
35	Auto Drawer Reed Switch Problem (Right)	rAS	Check connector of auto drawer reed switch
36	Communication Problem (LCD Display-Dispenser)	EC1	Communication connection and transmission TR reception defect
37	Communication Error (Top display-Dispenser)	ErC1	Communication Error between Micom of Top Display PCB and Dispenser Micom
38	Freezer defrosting sensor error	dSF	Short or disconnection of deforst sensor
39	Humidity sensor error	HSE	short or disconnection of humidity
40	Icing sensor error	ISE	Short or disconnection of the sensor about ice maker

No.	Error	Symptom	Cause
41	Pantry sensor error (Optional)	SSE	Short or disconnection of pantry sensor
42	Room Temp Sensor Error	rtE	Short or disconnection of room temp. sensor
43	Ice maker kit defect	ItE	Other electric system error such as motor, gear, Hall IC, operation circuit within I/M kit
44	Freezer defrosting error	dHF	Even though it is passed 80 minute since then defrosting, if defrosting sensor is not over 46°F (8°C), it is caused
45	Abnormality of BLDC FAN Motor for Freezer	FFE	It is caused when feedback signal isn't over 65 seconds during BLDC FAN motor operating
46	Abnormality of BLDC FAN Motor for Mechanic Room	CFE	It is caused when feedback signal isn't over 65 seconds during BLDC FAN motor operating
47	Communication Error	COE	Communication error between Micom of Main PCB and Display Micom

LRTNC0705V

No.	Condition	Malfunction Display	Condition of Malfunction
1	Normal	Always Off	
2	Refrigerator Sensor Error	Blinking 3 Times	Refrigerator room temp sensor short or open
3	Defrost Sensor Error	Blinking 1 Time	Defrost temp sensor short or open
4	Room Temp Sensor Error	Blinking 5 Times	Ambient temp sensor short or open

No.	Condition	Malfunction Display	Condition of Malfunction
5	Defrost Failure	Blinking 4 Times	Although defrost operated for 2 hours, defrost- sensor temp doesn't over 13C
6	Knob Dial Error	Blinking 2 Times	Knob dial resistance short or open
7	Freezer Fan Motor Failure	Blinking 6 Times	F- Fan is locked or open