

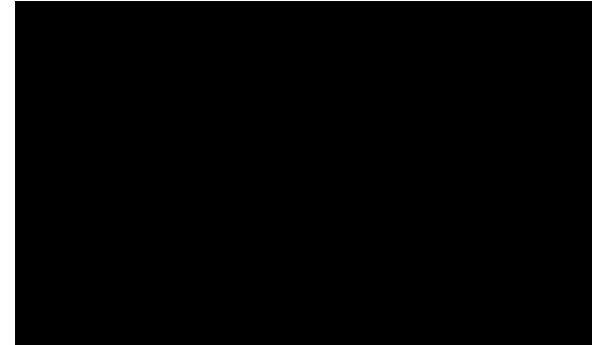
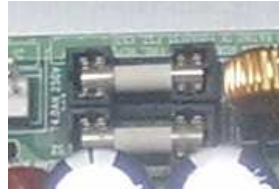
Component Level Repair_Y/Z-SUS IPM

1. Phenomenon

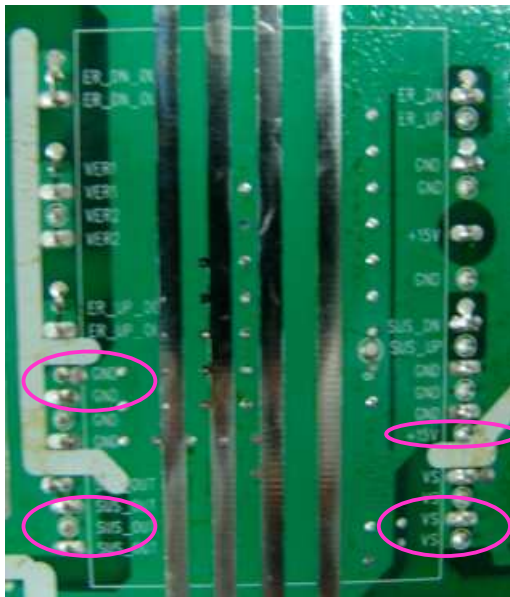
1) Phenomenon: No Raster

(Power on OK, Sound OK, No Picture)

2) Fundamental check: Fuse check (FS2, FS3)



2. Checking method of IPM



Forward

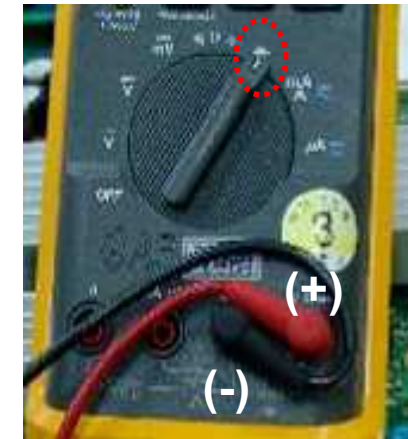
Test. 1. GND(+), Sus-out(-)
2. Sus-out(+), Vs(-)

In each test, the Diode value are over 0.4V → OK

Reverse

Test 1. GND(-), Sus-out(+)
2. Sus-out(-), Vs(+)

In each test, the diode value comes infinity(8) → OK



Component Level Repair_Y/Z-SUS IPM

3. Repairing method of IPM

1. Order IPM

1) If LGIT IPM → LGIT IPM

2) If SANYO IPM → SANYO IPM



LGIT



SANYO

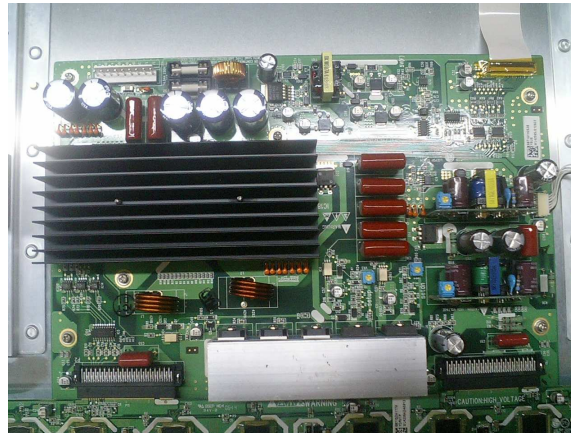
2. De-soldering IPM from PCB

3. Insert New IPM

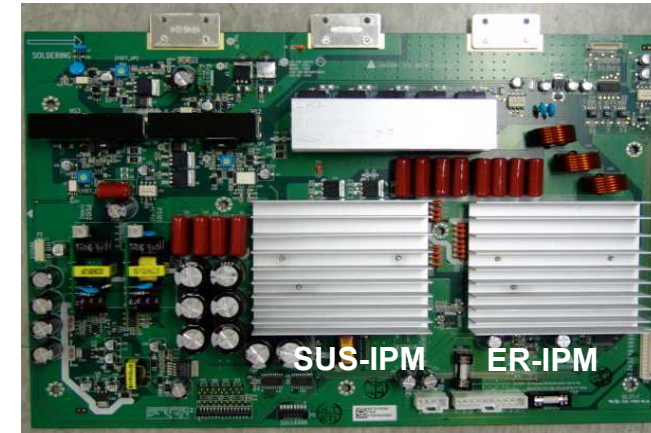
4. Soldering New IPM

5. Soldering point check

5. Screen Test & Aging



42X3 Y-SUS



50X3 Y-SUS

Component Level Repair_Y/Z-SUS IPM

Model	Detail Model	Plant	PCB		IPM	
			Y-SUS	Z-SUS	LGIT	SANYO
42V7	PDP42V7####.#####	Gumi	6871QYH036D	6871QZH041B	4921QP1036A	
42V8	PDP42V8##01.#####	Gumi	6871QYH048B	6871QZH053B		4921QP1043B
42V8A	PDP42V8##11.#####	Gumi	EBR31744002	EBR31743102		4921QP1043B
42X3	PDP42X3####.###G#	Gumi	6871QYH053B	6871QZH056B	4921QP1041C	4921QP1043C
	PDP42X3####.###G#	NP	6871QYH953A	6871QZH956A	4921QP1041C	4921QP1043C
	PDP42X3####.###G#	MA	EBR31325701	EBR31325801	4921QP1041C	4921QP1043C
42X3A	PDP42X3####.###T#	Gumi	EBR31872802	EBR31493401	4921QP1041C	4921QP1043C
	PDP42X3####.###T#	NP	EBR32642701	EBR32642801	4921QP1041C	4921QP1043C
	PDP42X3####.###T#	MA	EBR33606601	EBR33606801	4921QP1041C	4921QP1043C
42X4	PDP42X402##.#####	Gumi	6871QYH063A	6871QZH067A		4921QP1043C
42X4	PDP42X402##.#####	Gumi				AEF31675201
42X4A	PDP42X405##.#####	Gumi	EBR36954501	EBR36921701		
					Y-SUS	AEF32339501
					Z-SUS	AEF32343301
					LGIT	
					SUS	ER
50X3	PDP50X3####.#####	GUMI	6871QYH039B	6871QZH044C	4921QP1046A	4921QP1047A