

APPENDIX D
: BLOCK DIAGRAM

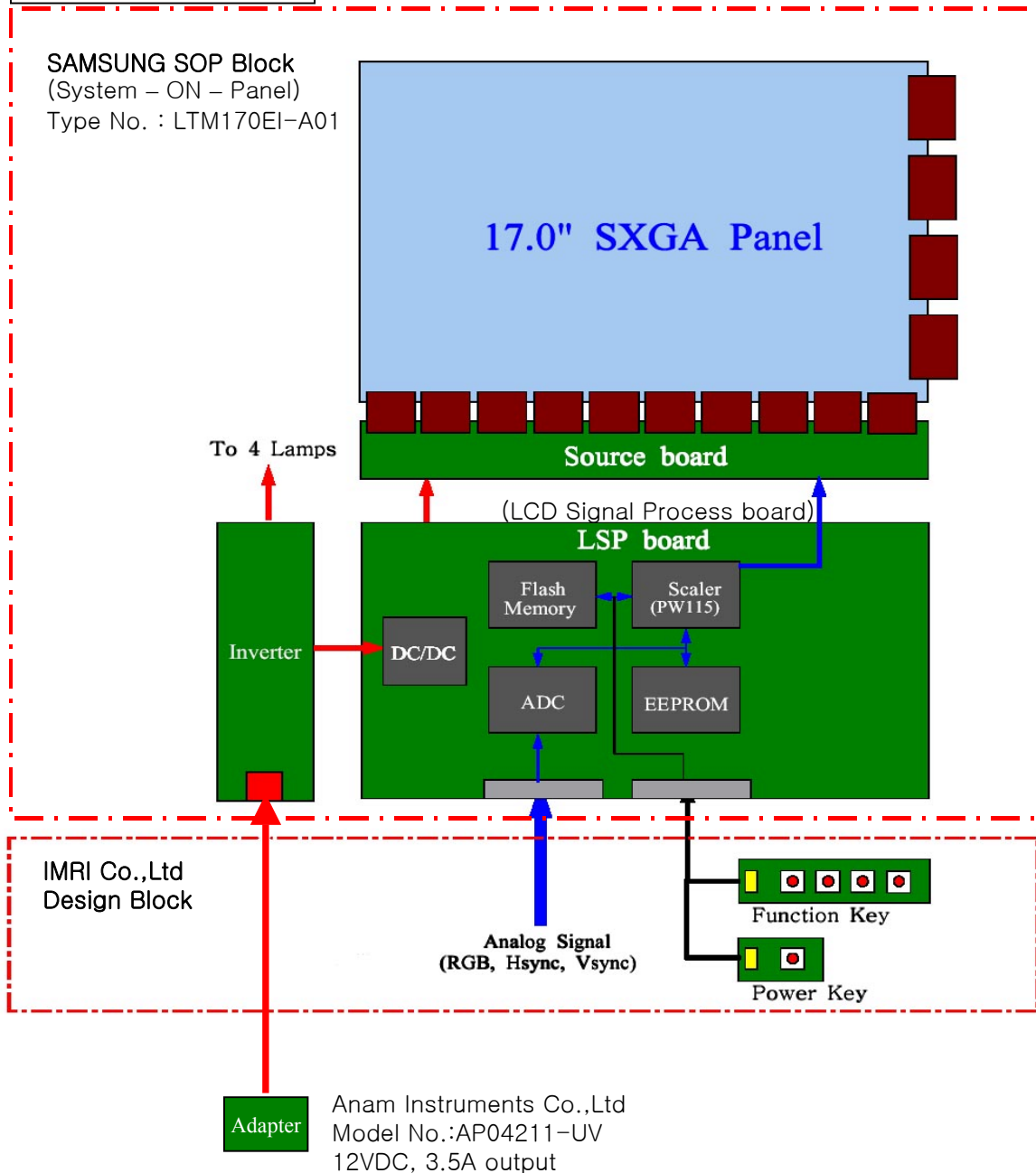
B17SM Block Description

Model “B17SM” use a new concept display panel.

The panel “LTM170EI-A01” manufactured by SAMSUNG Electronics Co.,Ltd. provides total display functions just like an integrated circuit.

It includes an inverter board, LSP (LCD signal process) board, source board, 4 lamps and LCD panel as below “Block Diagram”

Block Diagram



Technical Information of “LTM170EI-A01”

Items	Specification	Unit	Note
Display area	337.92(H) x 270.336(V)	mm	17.0 inch diagonal
Driver element	a-Si TFT active matrix		
Display colors	16.2M (true)	colors	6-bit FRC
Number of pixels	1280x1024	pixel	
Pixel arrangement	RGB vertical stripe		
Pixel pitch	0.264(H) x 0.264(W)	mm	
Display mode	Normally White		
Surface treatment	Haze 25% , Hard-coating (3H)		
Backlight	4 Lamps		