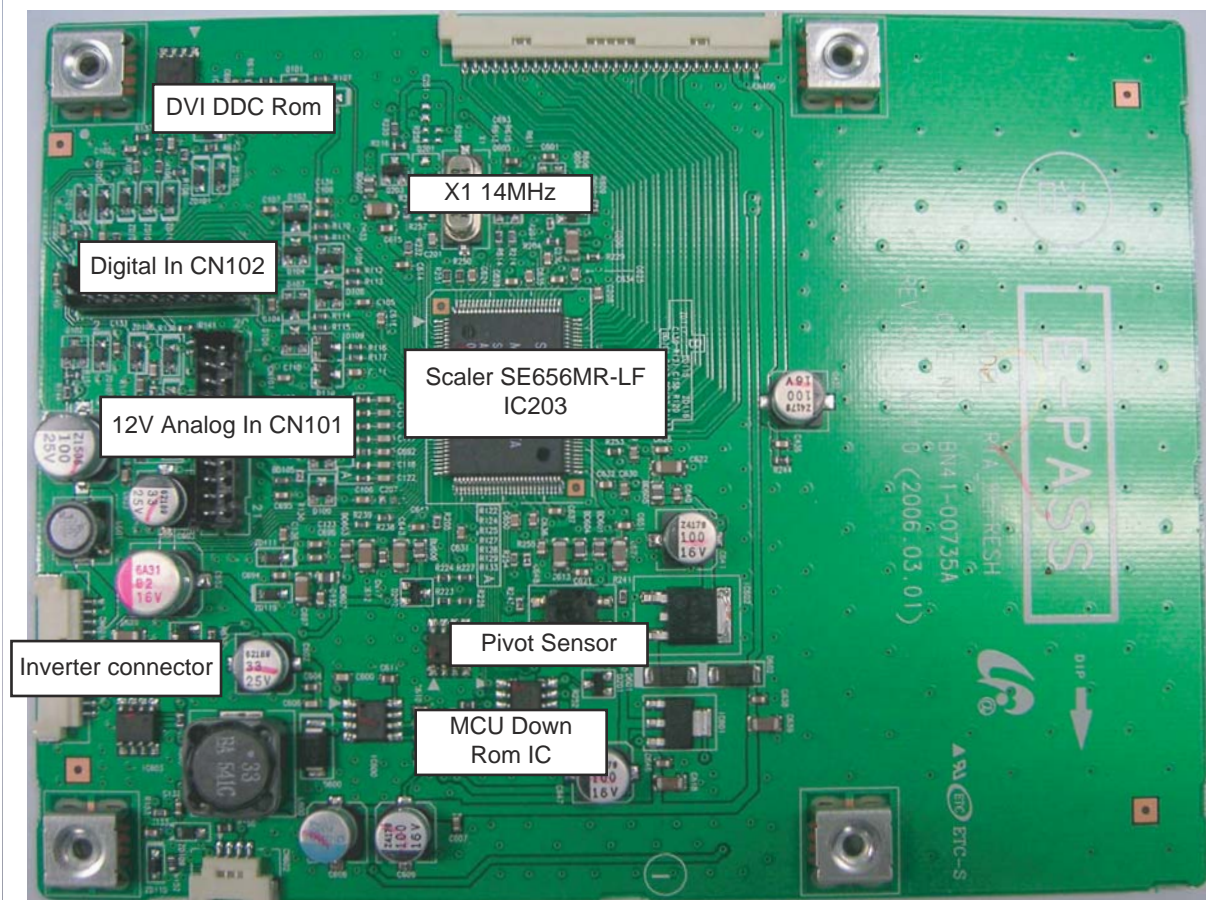


## 13 Circuit Descriptions

### 13-1 Block description



NO	Block	Description	Name
1	Scaler	Integrate ADC, MCU, RTA, TMSD,Scaler etc to 1 chip	SE656MR-LF
2	Rotation sensor	As this monitor has sensor IC for Rotation 1) If this monitor rotates 90 ° and 0 ° , 2) MCU can detect the current status through sensor IC, OSD rotates, 3) Magic tune 3.6 and Pivot Software can make change Screen to the rotated degrees automatically.	SPSF100100
3	12V and Analog input	12V and analog source input	
4	DVI input	DVI input connector	

## 13-2 Block operating

NO	Feature	Block	Description	Failure Sympton
1	Fast response time	RTA chip	Using the RTA (response time accelerator) chip, this monitor can support the fast response time(6ms) in Gray to Gray pattern.	Abnormal display, No video
2	12V and Analog input	Analog input connector	12V and analog source input	No Power/ Analog No video
3	DVI input	DVI input connector	DVI input connector	DVI No video
4	Sharpness	Scaler	Support sharpness control fitting up the quality of Video card.	Enhancement of sharpness and image quality.
5	Auto Rotation	Rotation sensor/ MCU/ Magic tune 3.6/ Pivot Software	As this monitor has sensor IC for Rotation 1) If this monitor rotates 90 ° and 0 ° , 2) MCU can detect the current status through sensor IC, OSD rotates, 3) Magic tune 3.6 and Pivot Software can make change Screen to the rotated degrees automatically.	It must be installed Magic tune 3.6 and Pivot Software to the PC.