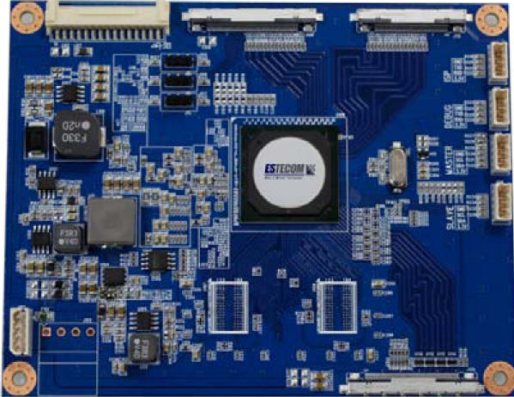


FRC III (SGLM0401000)

ESTECOM LCD controller



Features

FRC-II Board is a highly integrated ASIC for doubling the frame rate of the video input to provide a conversion from 50Hz to 100Hz or 60Hz to 120hz.

FRC-III Board comprises V-By-One receiver, film source detection and inversion, motion frame rate conversion, color space conversion and management.

It is suitable for video resolution up to UHD (4K x 2K) in all video modes, the full display area of the module is used.

Board Dimension

140x 110mm

Input Signal

8 Lane V by One

Output Signal

16 Lane V by One

Maximum Resolution

4096x 2500 @60Hz

UART/Debug option

I²C

Input Power Voltage

+24VDC or +12VDC

Operating Temperature

-20°C ~70°C

Storage Temperature

-30°C ~80°C

Humidity

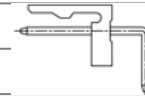
8% ~ 90%

Power connector option

- 5267-04 (Molex) 2.54mmpitch



- LA1143-04 (Hanlim)



Weight & Packing Dimension

TBD

Certification

TBD

For more detail, please referring Full data sheet

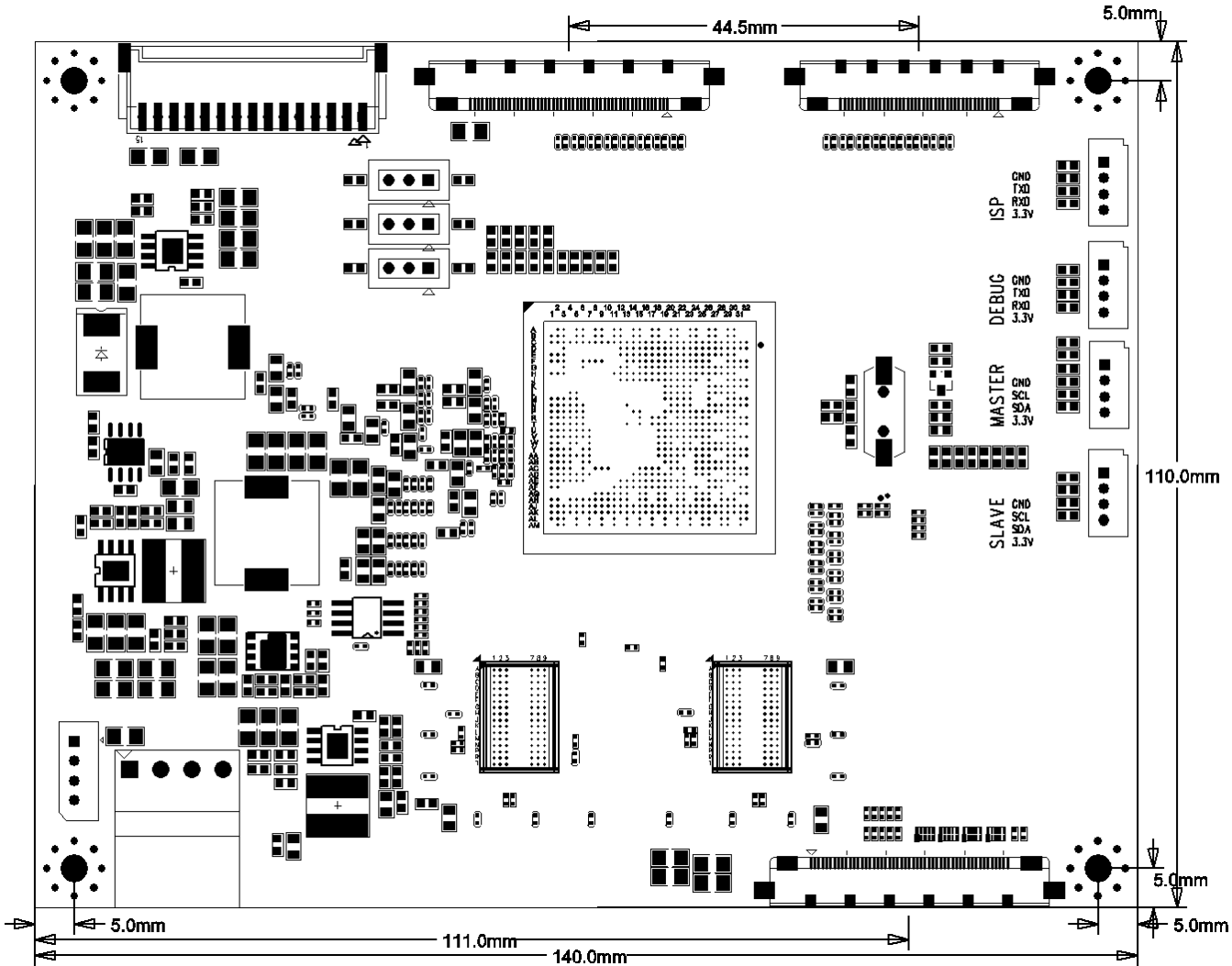
Ordering Information

SGLM0401000

FRC III (SGLM0401000)

Dimensions

Unit: mm



ESTECOM LCD Controller series

KOREA HEADQUARTERS

Rm705, 149, Gongdan-ro Gunpo-si, Gyeonggi-do

Seoul, Korea

Phone : +82-31-427-8101

Product Info : www.estecom.co.kr

Sales Info : sales@estecom.co.kr

Technical Info : tech@estecom.co.kr