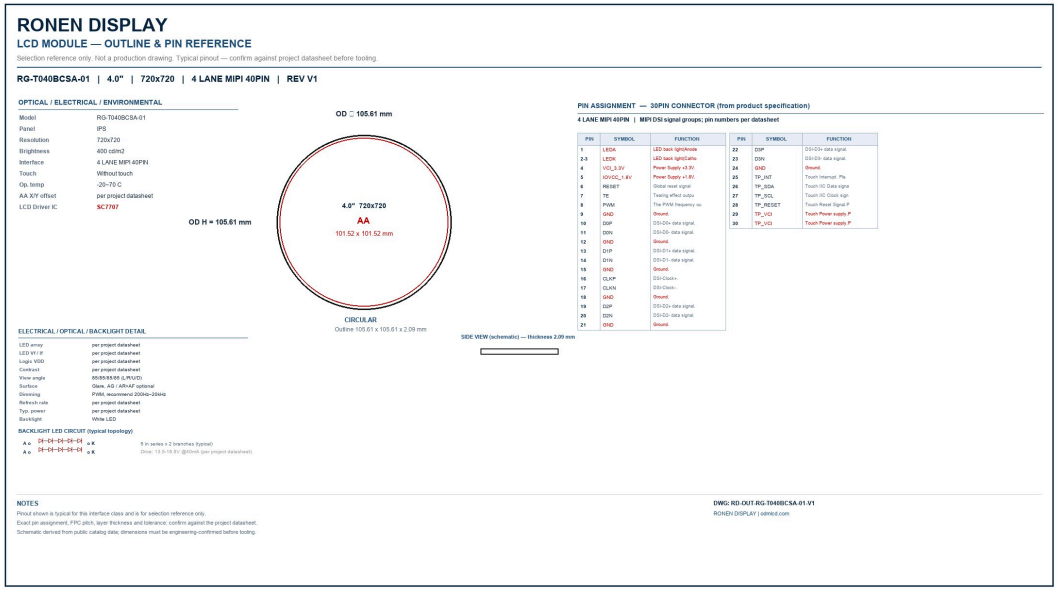
RONEN DISPLAY

LCD Module Datasheet

RG-T040BCSA-01

SPECIFICATION

Display Size	4.0 inch
Resolution	720x720
LCD Type / Shape	IPS Round
Luminance	400 cd/m2
Module Interface	4 LANE MIPI 40PIN
Touch Option	Without touch
Active Area (mm)	101.52x106.55
Outline Dim. (mm)	105.61x109.87x2.09
Operating Temp. (°C)	-20 ~ +70 degC
Storage Temp. (°C)	-30 ~ +80 degC


RONEN DISPLAY
LCD MODULE — OUTLINE & PIN REFERENCE
Selection reference only. Not a production drawing. Typical pinout — confirm against project datasheet before tooling.
RG-T040BCSA-01 | 4.0" | 720x720 | 4 LANE MIPI 40PIN | REV V1
OPTICAL / ELECTRICAL / ENVIRONMENTAL
Model RG-T040BCSA-01
Panel IPS
Resolution 720x720
Brightness 400 cd/m2
Interface 4 LANE MIPI 40PIN
Touch Without touch
Op. temp -20~70 C
AA X/Y offset per project datasheet
LCD Driver IC SC7707
OD □ 105.61 mm
4.0" 720x720
AA
101.52 x 101.52 mm
OD H = 105.61 mm
CIRCULAR
Outline 105.61 x 105.61 x 2.09 mm
SIDE VIEW (schematic) — thickness 2.09 mm
PIN ASSIGNMENT — 30PIN CONNECTOR (from product specification)
4 LANE MIPI 40PIN | MIPI DSI signal groups; pin numbers per datasheet
ELECTRICAL / OPTICAL / BACKLIGHT DETAIL
BACKLIGHT LED CIRCUIT (typical topology)
NOTES
Pinout shown is typical for this interface class and is for selection reference only.
Exact pin assignment, FPC pitch, layer thickness and tolerance: confirm against the project datasheet.
Schematic derived from public catalog data; dimensions must be engineering-confirmed before tooling.
DWG: RD-OUT-RG-T040BCSA-01-V1
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Outline drawing - for reference only; confirm with latest datasheet.

Notes

Values are typical at 25 degC unless otherwise specified. Full drawing, pin assignment and qualification data available on request. Sales terms are confirmed per project.

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