

LCD Replacement Compatibility Matrix

Compare evidence, not diagonal size alone. No compatibility is pre-approved.

01 / Evidence comparison

Project / owner

Date / worksheet revision

Exact model / document revision

Include suffix, assembly and controlled reference.

Existing display - value / reference

Candidate - value / reference

Difference / evidence / action / responsible person

Mechanical fit / FPC route

Outline, active area, aperture, mounts, connector location and bend constraints.

Existing display - value / reference

Candidate - value / reference

Difference / evidence / action / responsible person

Record status explicitly: not reviewed, evidence needed, change required or validated.

A filled matrix alone does not approve interchangeability or a zero-redesign replacement.

LCD Replacement Compatibility Matrix

Compare evidence, not diagonal size alone. No compatibility is pre-approved.

02 / Evidence comparison

Project / owner

Date / worksheet revision

Electrical / connector / pinout

Supply rails, connector, pin mapping, sequence and source references.

Existing display - value / reference

Candidate - value / reference

Difference / evidence / action / responsible person

Host timing / backlight drive

Mapping, clock/blanking, initialization, LED drive and dimming requirements.

Existing display - value / reference

Candidate - value / reference

Difference / evidence / action / responsible person

Record status explicitly: not reviewed, evidence needed, change required or validated.

A filled matrix alone does not approve interchangeability or a zero-redesign replacement.

LCD Replacement Compatibility Matrix

Compare evidence, not diagonal size alone. No compatibility is pre-approved.

03 / Evidence comparison

Project / owner

Date / worksheet revision

Optics / touch / environment

Viewing task, luminance, stack, touch behavior and agreed conditions.

Existing display - value / reference

Candidate - value / reference

Difference / evidence / action / responsible person

Validation / change control

Actual host checks, sample results, configuration differences and approvals.

Existing display - value / reference

Candidate - value / reference

Difference / evidence / action / responsible person

Record status explicitly: not reviewed, evidence needed, change required or validated.

A filled matrix alone does not approve interchangeability or a zero-redesign replacement.