

The Best Quality PCB Supplier



PCB Supplier of
the Best Quality, Lowest Price
and Reliable Lead Time

- Low Cost Prototype
- Standard Prototype & Production
- Stencil
- PCB Design

PCB Design Check List

SCHEMATIC DETAILS

- (1) Schematic Diagram Availability
- (2) Component details (like designator, comments, footprints, datasheet etc.)
- (3) Bill of material

Notes (if any):

PCB DETAILS

- (1) No. of layers
- (2) Board Size
- (3) PCB CARD name (if any more details on PCB)
- (4) Board clock frequency
- (5) Technology : Through whole/SMD/Mixed
- (6) Hole information
- (7) Placement information
- (8) PCB mounting hole details
- (9) Legend details (if any)

DESIGN RULE SPECIFICATIONS

- (1) Minimum Conductance clearance
- (2) Internal plane clearance
- (3) Minimum Conductance width
- (4) Minimum Conductance width for power signals
- (5) Board outline to route area clearance
- (6) Board outline to component area clearance
- (7) PCB mounting hole clearance
- (8) Minimum via for signals
- (9) Minimum via for power signals
- (10) Solder mask clearance
- (11) Special instruction for crystal/clock system
- (12) Heat releasing area (if any)

PCB Design Check List

SPECIAL ARTWORK INFORMATION (if any)

- (1) Orientation of components
- (2) Placement of any particular components
- (3) Ground pattern (if any)
- (4) Grounding of mounting holes

SPECIAL POINTS TO BE CONSIDERED

We would like to know specific requirements, if any –

- (1) List of critical Signals like data, clock, and high frequency traces etc.
- (2) List of High voltage and current carrying components and signals
- (3) Impedance-discontinuity due to non-ideal current paths
- (4) Isolation of any particular components or some of the portion of the PC board
- (5) List of Differential or parallel routing signals if any
- (6) Use of HDI, Micro via or any other technology

and if any thing you would like to include...

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36 Nanleen Rise, The Gardens
PO Box 75474, Manurewa, Auckland-NZ

Phone : +64 9 269 6916 | Fax : +64 9 269 6926
Mobile : +64 21 0304183

Visit us: www.qualiecocircuits.co.nz

