





Description: CY3250-LED16QFN POD

56 pin SSOP OCD with Hirose cable connector (P/N: DF12-5.0-20DP-0.5V-81) with retension mechanism included. Compatible with:

SF-QFN48A-L-02B, QFN foot, 48 pin, 0.5mm pitch, 5mm body XT-PSoC-15-20H-10-01

UGA Male pin shroud

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	EA-8CLED16-Q48-01 Drawing	Status: Released	Scale:	~3:1	Rev: A
4	© 2008 IRONWOOD ELECTRONICS, INC. Tele: (800) 404-0204	Drawing: M. Tully		Date: 4/23/08	
	www.ironwoodelectronics.com	File: EA-8CLED16-Q48-01 Dwg		Modified:	

 $\frac{Tolerances:}{PCB\ perimeters\ \pm0.13mm\ [\pm0.001"]},$ PCB thicknesses ±0.18mm [±0.007"], pitches (from true position) ±0.08mm [±0.003"], all other tolerances ±0.13mm [±0.005"] unless stated otherwise. Materials and specifications are subject to change without notice [+] Feedback

Strain Relief Hardware mounting directions (-0.621",If the target board can be designed to accomodate the strain relief 0.488") hardware, layout the PCB with the pattern shown on the right. The layout shows the location of non-plated holes through the board (0.375"(-0.277". 0.398") relative to the QFN land pattern. If holes can not be added to the 0.398"target board, the screws can be used as standoffs and sit on the QFN outline top surface of the target PCB. Pad size: Shroud ouline 0.3mmX0.78mm (keep away area) [0.012" X 0.031"] To ICE Pod -000000000000 [0.297"] Pin 1 (0.00",0.00") Flex Cable <u>.</u> 19.06mm [0.750"] 0.50mm r - 1 14.52mm [0.572"] E-pad 10.8X10.8mm (-0.277", (0.375"-0.398") -0.399" 7.85mm [0.309"] Ø 1.78mm [Ø 0.070"] (-0.621" ±0.005" -0.488") Pod outline 5.12mm 27.57mm [1.085"] 4.72mm [0.202"] [0.186"] 0.93mm ·[0.037" Top View: Target Board component layout notes: 1) Do not place components within the shroud outline unless they have a 0.035" height or less off the target board and are outside the QFN package outline All component heights ±0.020" 2) All components under the POD outline must have a 0.180" height or or less from the top of target board to avoid components on the bottom of the POD 7.03mm

board.

D---- 2 -f0

Side view: CY3250-LED16QFN Pod on QFN48 foot

[0.277"]

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