I’m looking into using www.sierraprotoexpress.com. They’re inexpensive, $51 per board for 4 layer up to 85 square inches. Same price for all sizes up to 85. Boards must conform to their rules: 2 boards minimum order, 4 layers, 4 day turn, square board, LPI solder mask, no gold fingers, smallest hole 15 mils, copper weight 1, min trace/space 6 mil, FR4, .062 thick. Must submit files in Gerber 274 X format.

www.myropcb.com is an inexpensive place I was looking at for awhile. They also have assembly facilities for 0.0125 per pin SMD and 0.025 per pin for DIP, PTH.

www.pcbfabexpress.com is another inexpensive fab house (comparable to sierra in price), but requires 5 piece minimum order.

www.4pcb.com has student discounts, with $33 dollars a board for 2-layer and no minimum quantity. They will give a discount on multilayer boards.

www.custompcb.com looked like a pretty good spot as well. They take EAGLE files directly. They, like lot’s of other places will quote you based on your needs. I don’t have any quotes from them.

-- Greg