

Partlist exported from C:/Users/alexb/OneDrive/Documents/Classes Spring 2023/Senior Design Pt 2/MAX30101\_2nd\_Board/MAX30101\_2nd\_Board.sch at 3/29/2023 9:31 AM

Qty	Value	Device	Package	AVAILABILITY
Parts	Description			
DESCRIPTION	MF	MP	PACKAGE	PARTREV POPULARITY PRICE
PURCHASE-URL				SPICEPREFIX
STANDARD				
1	0.1uF	C-USC0603	C0603	
C2	CAPACITOR, American symbol			
37				
C				
1	10uF	C-USC0805	C0805	
C1	CAPACITOR, American symbol			
63				
C				
4	2.2k	R-US_R0603	R0603	
R1, R2, R3, R4	RESISTOR, American symbol			
77				
R				
1	4.7k	R-US_R0603	R0603	
R5	RESISTOR, American symbol			
77				
R				
1	CON-MOLEX-43XX-64204-V	CON-MOLEX-43XX-64204-V	WM-4204	
CON1	molex 43xx 6-pin			
1	MAX30101EFD+T	MAX30101EFD+T	PS0N80P560X330X165-14N	
U1	MAX30101 High-Sensitivity Pulse Oximeter and Maxim Integrated		2	
IPC7351B				
2	RE1C002UNTCL	RE1C002UNTCL	SOTFL50P160X85-3N	
U2, U3	None Check availability		In Stock	
N-Channel 20 V 200mA (Ta) 150mW (Ta) Surface Mount EMT3F (SOT-416FL)				
Rohm RE1C002UNTCL SOT-490 Rohm			None	
<a href="https://pricing.snapeda.com/search/part/RE1C002UNTCL/?ref=eda">https://pricing.snapeda.com/search/part/RE1C002UNTCL/?ref=eda</a>				