	Description 47 μF ±20% 10V	Designator	Footprint	LibRef	Quantity
	47 μF ±20% 10V Ceramic Capacitor	l			
47uF	X5R 0805 (2012	C1, C2	C0805	CAP	
	Metric)				
	4.7 μF ±10% 50V Ceramic Capacitor				
4.7uF	X7R 0805 (2012	C3, C5	C0805	CAP	
	Metric)				
	0.1 μF ±10% 100V				
0.1uF	Ceramic Capacitor X7R 0805 (2012	C4, C6	C0805	CAP	
	Metric)				
1uF	1 μF ±5% 16V Ceramic Capacitor X7R 0805	C7	C0805	CAP	
	(2012 Metric)	Ī.			
	2.2 uF ±5% 16V				
2.2uF	Ceramic Capacitor	C8	C0805	CAP	
	X7R 0805 (2012	Co.	CU8U5	CAP	
	Metric) Blue 470nm LED				
Blue Led 0805	Indication - Discrete				
	3.2V 0805 (2012	D1	LED 0805	LED GREEN 0805	
	Metric)				
	USB-C (USB TYPE-C)				
	USB 3.2 Gen 2 (USB				
	3.1 Gen 2, Superspeed + (USB				
	3.1)) Receptacle	J1	AMPHENOL_1240159 8E4#2A	12401598E4#2A	
	Connector 24		OL4#ZM		
	Position Surface				
	Mount, Right Angle; Through Hole				
	6 Position Wire to				
	Board Terminal Block				
MPT 0,5/ 6-2,54	Horizontal with	J2	1725698	691322110006	
10,07 0 2,01	Board 0.100"		1725070	071022110000	
	(2.54mm) Through Hole				
	2 (1 x 2) Position Shunt Connector				
Jumper 0.1" 1x2 Black	Open Top, Grip	JS1, JS2, JS3	BERG-M-2V	Jumper 2	
	0.100" (2.54mm) Gold				
	Bipolar (BJT)				
	Transistor NPN 80 V				
BSS64LT1G	100 mA 60MHz 225	Q1, Q2	SOT-23	TR-NPN-BC817-SOT23	
	mW Surface Mount				
	SOT-23-3 (TO-236)				
180R	180 Ohms ±1% 0.25W,				
	1/4W Chip Resistor 0805 (2012 Metric)	R1	R0805	RESISTOR	
	Anti-Sulfur Thin Film				
	21 kOhms ±1% 0.125W, 1/8W Chip				
	Resistor 0805 (2012	R2	R0805	RESISTOR	
21K	RESISTOL 0003 (2012	r\z			
21K	Metric) Moisture	K2			
21K	Metric) Moisture Resistant Thick Film	nz			
21K	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1%	RZ			
	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip	R3	R0805	RESISTOR	
	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive		R0805	RESISTOR	
21K 1K07	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive AEC-Q200 Thick Film		R0805	RESISTOR	
	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive AEC-Q200 Thick Film 48.7 kOhms ±1%		R0805	RESISTOR	
	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive AEC-Q200 Thick Film 48.7 kOhms ±1% 0.125W, 1/8W Chip		R0805		
1K07	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive AEC-Q200 Thick Film 48.7 kOhms ±1%	R3		RESISTOR RESISTOR	
1K07	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 48.7 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film	R3			
1K07	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 48.7 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 5.1 kOhms ±1%	R3			
1K07 48K7	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 5.1 kOhms ±1% 0.125W, 1/8W Chip	R3	R0805	RESISTOR	
1K07 48K7	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 48.7 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 5.1 kOhms ±1% 0.125W, 1/8W Chip Resistor 0905 (2012	R3			
1K07 48K7	Metric) Moisture Resistant Thick Film 1.07 kOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 5.1 kOhms ±1% 0.125W, 1/8W Chip	R3	R0805	RESISTOR	
1K07	Metric) Moisture Resistant Thick Film 1.07 KDIms ±1% 0.125W, 1/8W Chip Resistor 605 CQ10 Metric) Automotive AE: -0200 Thick Film 4.87 KDIms ±1% 0.125W, 1/8W Chip Resistor 605 C2012 Metric) Moisture Resistant Thick Film 5.1 KDIms ±1% 0.125W, 1/8W Chip Resistor 605 C2012 Metric) Moisture Resistant Thick Film 5.1 KDIms ±1% 0.125W, 1/8W Chip Resistor 605 C3012	R3	R0805	RESISTOR	
11K07 48K7 5K1	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive 4.6C-0200 Thick Film 4.87 KOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 0.125W, 1/8W Chip Resistant Thick Film 0.125W, 1/8W Chip Resistant Thick Film 10 KOhms ±1% 0.125W, 1/8W Chip Resistant Thick Film 10 KOhms ±1% 0.125W, 1/8W Chip Resistant Thick Film 10 KOhms ±1% 0.125W, 1/8W Chip 0.125W, 1/8W Chip	R3	R0805	RESISTOR	
11K07 48K7 5K1	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 178W Chip Resistor 605 (2012 Metric) Automotive AEC-0200 Thick Film 48.7 KOhms ±1% 0.125W, 178W Chip Resistor 605 (2012 Metric) Moisture Resistor 605 (2012 Metric) Moisture Sesistant Thick Film 5.1 KOhms ±1% 0.125W, 178W Chip Resistor 605 (2012 Metric) Moisture Resistor 605 (2012 Metric) Moisture Resistor 605 (2012 Metric) Moisture 10 KOhms ±1% 0.125W, 178W Chip Resistor 605 (2012	R3	R0805	RESISTOR	
11K07 48K7 5K1	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Automotive 4.6C-0200 Thick Film 4.87 KOhms ±1% 0.125W, 1/8W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 0.125W, 1/8W Chip Resistant Thick Film 0.125W, 1/8W Chip Resistant Thick Film 10 KOhms ±1% 0.125W, 1/8W Chip Resistant Thick Film 10 KOhms ±1% 0.125W, 1/8W Chip Resistant Thick Film 10 KOhms ±1% 0.125W, 1/8W Chip 0.125W, 1/8W Chip	R3	R0805	RESISTOR	
11K07 448K7	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Automotive Had 7. Robins ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 5.1 kOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Motomotive Metric) Automotive	R3	R0805	RESISTOR	
48K7  48K7  5K1  10K  CMC 370MA 2LN	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Automotive 46 2020 Thick Film 48.7 KOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Automotive ACC-0200 Thick Film 2 Line Common Mode Choke Surface	R3 R4 R5, R6	R0805 R0805	RESISTOR  RESISTOR  RESISTOR	
1K07  48K7  5K1  10K  CMC 370MA 2LN 900HM 5MD AEC-	Metricy Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 178W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Time 4.87 KOhms ±1% 4.87 KOhms ±1% 0.125W, 178W Chip Resistor 6805 (2012 Metric) Moisture Resistant Thick Film 5.1 KOhms ±1% 0.125W, 178W Chip Resistor 6805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 178W Chip Resistor 6805 (2012 Metric) Automotive AEC-02200 Thick Film 10 kOhms ±1% 0.125W, 178W Chip Resistor 6805 (2012 Metric) Automotive AEC-02200 Thick Film 10 kOhms ±1% 0.125W, 178W Chip Resistor 6005 (2012 Metric) Automotive AEC-02200 Thick Film 0.105W Chip Metric) Automotive AEC-0200 Thick Film 0.105W Chip Metric	R3	R0805	RESISTOR	
48K7  48K7  5K1  10K  CMC 370MA 2LN	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Automotive 144 A7 KOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 5.1 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 2 Line Common Mode Choke Surface Mount 90 Ohms @	R3 R4 R5, R6	R0805 R0805	RESISTOR  RESISTOR  RESISTOR	
1K07  48K7  5K1  10K  CMC 370MA 2LN 900HM 5MD AEC-	Metricy Moisture Resistant Thick Film 1.07 KOhms ±1% 0.128W, 1/89W Chip Resistor 0805 (2012 Metric) Automotive A6C-0200 Thick Mothms ±1% 4.87 KOhms ±1% 0.128W, 1/89W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 5.1 kOhms ±1% 0.128W, 1/89W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.128W, 1/89W Chip Resistor 0805 (2012 Metric) Automotive A6C-0200 Thick Moisture Resistor 0805 (2012 Metric) Automotive A6C-0200 Thick Moisture Rosistor 0805 (2012 Moisture Moisture Rosistor 0805 (2012 Metric) Automotive A6C-0200 Thick Moisture Rosistor 0805 (2012 Moisture Moisture Rosistor 0805 (2012 Metric) Automotive A6C-0200 Thick Moisture Rosistor 0805 (2012 Moisture Moisture Rosistor 0805 (2012 Metric) Automotive A6C-0200 Thick Moisture A6C-0200 Thick Moisture A7C-0200 Th	R3 R4 R5, R6	R0805 R0805	RESISTOR  RESISTOR  RESISTOR	
18K7  5K1  10K  CMC 370MA ZLN 900HM SMD AEC- 2200	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Automotive 144 A7 KOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 5.1 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 2 Line Common Mode Choke Surface Mount 90 Ohms @	R3 R4 R5, R6	R0805 R0805	RESISTOR  RESISTOR  RESISTOR	
18K7  5K1  10K  CMC 370MA ZLN 900HM SMD AEC- 2200	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Automotive 46C-0200 Thick Moisture Resistor 0805 (2012 Metric) Moisture Resistor 0805 (2012 Metric) Moisture Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Moisture Resistant Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 10 Mohms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip Resistor 0805 (2012 Metric) Moisture AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/80W Chip AEC-0200 Thick Film 1.025W, 1/80W Chip AEC-0200 Thick Film 1.0	R3 R4 R5, R6 R7, R10	R0805 R0805 R0805	RESISTOR  RESISTOR  RESISTOR  USB EMI FILTER	
48K7  48K7  5K1  10K  CMC 370MA 2LN 90OHM SMD AEC- 0200  USB ESD protection	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/8W Chip Resistor (806 (2012 Metric) Automotive Resistor (806 (2012 Metric) Automotive Resistor (806 (2012 Metric) Automotive Resistor (806 (2012 Metric) Moisture Resistor (806 (2012 Metric) Moisture Resistant Thick Film 5.1 kOhms ±1% 0.125W, 1/8W Chip Resistor (806 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (806 (2012 Metric) Automotive Metric) Automotive	R3 R4 R5, R6 R7, R10	R0805  R0805  R0805  744232090  SOT143-4	RESISTOR  RESISTOR  RESISTOR  USB EMI FILTER	
1K07  48K7  5K1  10K  CMC 370MA 2LN 90OHM SMD AEC- 0200  USB ESD protection  CP2102N-A02-	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Jautomotive AEC-0200 Thick Jautomotive AEC-0200 Thick Jautomotive AEC-0200 Thick Jautomotive AEC-0200 Thick Film 5.1 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Moisture Resistant Thick Film 10 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip	R3 R4 R5, R6 R7, R10	R0805  R0805  R0805  744232090  SOT143-4  QFN50P500X500X80_	RESISTOR  RESISTOR  RESISTOR  USB EMI FILTER	
1K07  48K7  5K1  10K  CMC 370MA 2LN 90OHM SMD AEC- 0200  USB ESD protection  CP2102N-A02-	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Automotive Heart Co.2007 Thick Moisture Resistor (805 (2012 Metric) Automotive Heart Co.2007 Thick Moisture Resistor (805 (2012 Metric) Moisture Resistant Thick Film 5.1 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 kOhms ±1% 0.125W, 1/8W Chip Resistor (805 (2012 Metric) Automotive AEC-0.200 Thick Film 10 kOhms ±0.00 Km = 10 km = 1	R3 R4 R5, R6 R7, R10	R0805  R0805  R0805  744232090  SOT143-4	RESISTOR  RESISTOR  RESISTOR  USB EMI FILTER  USB2.0_TVS_DIODES	
1K07  48K7  5K1  10K  CMC 370MA 2LN 900HM SMD AEC- Q200  USB ESD protection  CP2102N-A02-	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Jautomotive AEC-0200 Thick Jautomotive AEC-0200 Thick Jautomotive AEC-0200 Thick Jautomotive AEC-0200 Thick Film 5.1 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Moisture Resistant Thick Film 10 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 10 KOhms ±1% 0.125W, 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip Resistor GBOS (2012 Metric) Automotive AEC-0200 Thick Film 0.125W 1/89W Chip	R3 R4 R5, R6 R7, R10	R0805  R0805  R0805  744232090  SOT143-4  QFN50P500X500X80_	RESISTOR  RESISTOR  RESISTOR  USB EMI FILTER  USB2.0_TVS_DIODES	
11K07  48K7  5K1  10K  CMC 370MA ZLN 900HM SMD AEC- 2200	Metric) Moisture Resistant Thick Film 1.07 KOhms ±1% 0.125W, 178W Chip Resistor (BOS (2012 Metric) Automotive AEC-0200 Thick Thick Film 4.87 KOhms ±1% 0.125W, 178W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 5.1 KOhms ±1% 0.125W, 178W Chip Resistant Thick Film 10 KOhms ±1% 0.125W, 178W Chip Resistor (805 (2012 Metric) Moisture Resistant Thick Film 10 KOhms ±1% 0.125W, 178W Chip Resistor (805 (2012 Metric) Automotive AEC-0200 Thick Film 2 Line Common Mode Choke Surface 100 Metr 370mA DCR 300mOhm Clamp tipp Tvs Diode Surface Mount 50 Chira USB Bridge, USB to UART USB 20 UNART Interface 28 OFN (6x5)	R3 R4 R5, R6 R7, R10	R0805  R0805  R0805  744232090  SOT143-4  QFN50P500X500X80_	RESISTOR  RESISTOR  RESISTOR  USB EMI FILTER  USB2.0_TVS_DIODES	