

Bill Of Materials For SWR STM32F103VCT6 ILI9481 480X320 V2.DSN

Design Title : SWR_STM32F103VCT6_ILI9481_480X320_V2.DSN
Author : UR4QBP
Revision : 1

Total Parts In Design: 59

15 Resistors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
3	R1-R3	10k	0805
4	R4, R5, R8, R9	50K	3296X
6	R6, R7, R10, R13-R15	1k	0805
2	R11, R12	3k9	0805

21 Capacitors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
2	C1, C2	22pF	0805
3	C3, C4, C21	100u	100uF x 16V
14	C5-C14, C17-C20	100n	0805
2	C15, C16	4u7	4,7uF x 16V

4 Integrated Circuits

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	U1	STM32F103VCT6	LQFP100
1	U2	IRU111733	SOT223
1	U3	M24C02	SO8-150-1.27
1	U4	78M05	D-PAK

19 Miscellaneous

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	BUZ1	HCM1203A	HCM1203A
1	J1	MINI USB 5pin	MINI USB 5pin
1	J2	BOOT0	PLS02
1	J3	BOOT1	PLS02
2	J4, J5	CONN-SIL2	PLS02

1	J6	SWD	PLS04
1	J7	12V	PLS02
1	J8	5V	PLS02
1	J9	KEY	PLS02
1	K1	TQ2-5V-2	DIL10
1	L1	100uH	1210
1	LED1	ILI9481_480X320	3.2 Arduino Module
2	VD1, VD2	BZV55-C3V3	SOD80
1	VD3	1N4148	SOD80
2	VT1, VT2	BC847B	SOT23
1	ZQ1	8MHz	KX-3H 8.0 MHz