



Bill of Materials for the NCS5651MNSGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
R8	1	Resistor, chip 0402 [1005 metric]	10k	1%	R0402	Bourns Inc.	CR0402-FX-1002GLFTR-ND	Yes	Yes
R6	1	Resistor, chip 0402 [1005 metric]	1k3	1%	R0402	Stackpole Electronics Inc	RMCF0402FT1K30	Yes	Yes
R4, R5, R7	3	Resistor, chip 0402 [1005 metric]	3k	1%	R0402	Bourns Inc.	CR0402-FX-3001GLFTR-ND	Yes	Yes
R3	1	Resistor, chip 0402 [1005 metric]	51k	1%	R0402	Bourns Inc.	CR0402-FX-5102GLF-ND	Yes	Yes
P1	1	Header, 10-Pin, Right Angle	Header 10 right angle		HDR1X10H	FCI	8614-00-36-1-Y0-10	Yes	Yes
LED1, LED2, LED3	3	LED, red	LED, red		1.6X0.8X0.8	Jaro Components Inc	HFI-160808-22NJ	Yes	Yes
U2	1	2 amp PLC line driver	NCS5651		485E-01-L	ON Semiconductor	NCS5651	No	Yes
C2	1	Capacitor (Semiconductor SIM Model)	1u/10	20%	1608[0603]	TDK Corporation	C1608JB1A105M080AC	Yes	Yes
U1	1	50 mA, Wide Input Range, voltage regulator	3.3 V		528AB-01	ON Semiconductor	NCP4640H033T1G	No	Yes
C4, C5	2	Capacitor (Semiconductor SIM Model)	10p/C0G	1%	402	MULTICOMP	MC0402N100F500CT	Yes	Yes
C1	1	Capacitor (Semiconductor SIM Model)	10u/25	10%	CAPC2012N	AVX	08053D106KAT2A	Yes	Yes
C3, C6	2	Capacitor (Semiconductor SIM Model)	100n/16	10%	402	AVX	0402YC104KAT2A	Yes	Yes
C7	1	Capacitor (Semiconductor SIM Model)	100n/25	10%	402	AVX	04023C104KAT2A	Yes	Yes