Bill of Materials for the NB7NPQ7041MMUGEVB Evaluation Board

ON Semiconductor®

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
U4	1	USB 3.1 Redriver				ON Semiconductor	NB7NPQ7041M		
CN1_B& CN2_A	2	USB Type-A Receptacle				Amphenol Commercial Product	GSB4111312HR		
CN1_A& CN2_B	2	USB Type-A Plug				Amphenol Commercial Product	GSB416445CHR		
C1, C2, C9, C10, C21, C22	6	Capacitor 1UF (0603)	1UF		603				
C4, C8, C15, C18, C23, C24, C25, C26	8	Capacitor 0.1UF (0402)	0.1UF		402				
D1	1	Blue LED				Rohm Semiconductor	SMLE12BC7TT86		
J1	1	Header, 2mm			2mm	Amphenol FCI	68001-203HLF		
J75-J82, J13-	11	Header, 2mm			2mm				
R2, R17, R18, R19	0	Resistor 0.0 Ohm (0402)			402				
R3, R8, R9, R10, R11, R12, R13, R14	8	Resistor 68K (0402)	68K		402				
R7	1	Resistor 1K (0402)	1K		402				
TP1 TP2	2	TEST POINT							
R21, R22, R23	2	Resistor 200K (0402)	200K		402				
U3	1	3.3V Voltage Regulator	3.3V			ON Semiconductor	NCP3335ADM33OR2G		