

REF66003-ML7661-EVK-001 Parts List

Part	Type	Value	Part Number	Manufacture	Package size	Qty
C1	Capacitor, Surface Mount	47uF	GRM21BR61A476ME15#	Murata	2012	1
C1_A, C1_B, C2_A, C2_B, C9_A, C9_B	Capacitor, Surface Mount	0.1uF	GRM033R61C104KE18#	Murata	0603	6
C3_A, C3_B, C26_A, C26_B, C28_A, C28_B	Capacitor, Surface Mount	N.M.	-	-	0603	6
C4_A, C4_B	Capacitor, Surface Mount	0.47uF	GMD155R61A474KE11#	Murata	1005	2
C5_A, C5_B, C6_A, C6_B	Capacitor, Surface Mount	560pF	GRM033R11C561KA01#	Murata	0603	4
C7_A, C7_B, C12_A, C12_B	Capacitor, Surface Mount	0.47uF	GRM033R60J474KE90#	Murata	0603	4
C8_A, C8_B, C20_A, C20_B, C21_A, C21_B	Capacitor, Surface Mount	2.2uF	GRM035R61C225ME01#	Murata	0603	6
C10_A, C10_B, C14_A, C14_B	Capacitor, Surface Mount	10pF	GRM0335C1H100GA01#	Murata	0603	4
C11_A, C11_B, C15_A, C15_B	Capacitor, Surface Mount	1uF	GRM153B31A105ME95#	Murata	1005	4
C13_A, C13_B	Capacitor, Surface Mount	1nF	GRM033B11E102KA01#	Murata	0603	2
C16_A, C16_B	Capacitor, Surface Mount	1nF	GRM0335C1E102FA01#	Murata	0603	2
C17_A, C17_B, C18_A, C18_B	Capacitor, Surface Mount	47pF	GRM0335C1E470JA01#	Murata	0603	4
C19_A, C19_B	Capacitor, Surface Mount	47uF	GRM21BR61A476ME15#	Murata	2012	2
C22_A, C22_B	Capacitor, Surface Mount	82pF	GQM1875C2E820FB12#	Murata	1608	2
C23_A, C23_B, C24_A, C24_B	Capacitor, Surface Mount	100pF	GRM0335C1H101FA01#	Murata	0603	4
C25_A, C25_B	Capacitor, Surface Mount	N.M.	-	-	1005	2
C27_A, C27_B	Capacitor, Surface Mount	470pF	GRM1555C1H471GA01#	Murata	1005	2
C29_A, C29_B	Capacitor, Surface Mount	1.5nF	GRM1882C1H152JA01#	Murata	1608	2
C30_A, C30_B	Capacitor, Surface Mount	100pF	GRM0335C2A101GA01#	Murata	0603	2
C31_A, C31_B	Capacitor, Surface Mount	82pF	GRM0335C1H820GA01#	Murata	0603	2
C32_A, C32_B	Capacitor, Surface Mount	18pF	GRM0335C1H180GA01#	Murata	0603	2
CN1	2pin Pin header	-	-	-	2.54mm pitch, φ = 1.02mm	1
F1	FUSE	-	MF-MSMF110/16-2	Bourns	4.55mm×3.24mm	1
FB1, FB1_A, FB1_B, FB2	-	-	BLM15AG100SN1D	Murata	1005	4
FB3	-	-	-	-	1005	1
L1_A, L1_B	Inductor, Surface Mount	3.3μH	LQM2MPN3R3NG0L	Murata	2mm×1.6mm	2
L2_A, L2_B	Inductor, Surface Mount	240nH	LQM2MPNR24MEHL	Murata	2mm×1.6mm	2
L3_A, L3_B	Inductor, Surface Mount	N.M.	-	-	2mm×1.6mm	2
LED1_A, LED1_B	3-color LED	-	SMLP34RGB2W	Rohm	1mm×1mm	2
Q1_A, Q1_B	-	-	RQ5E035BN	Rohm	SOT-346T	2
R1_A, R1_B	Resistor, Surface Mount	2.2kΩ	-	Rohm	0603	2
R2_A, R2_B, R3_A, R3_B, R4_A, R4_B	Resistor, Surface Mount	1.8kΩ	-	Rohm	0603	6
R5_A, R5_B	Resistor, Surface Mount	18kΩ	-	Rohm	1005	2
R6_A, R6_B	Resistor, Surface Mount	3.6kΩ	-	Rohm	1005	2
R7_A, R7_B	Resistor, Surface Mount	0Ω	-	-	0603	2
R8_A, R8_B	Resistor, Surface Mount	51Ω	-	Rohm	0603	2
R9_A, R9_B	Resistor, Surface Mount	510Ω	-	Rohm	0603	2
R10_A, R10_B	Resistor, Surface Mount	220mΩ	-	Rohm	1.2mm×2.0mm	2
R11_A, R11_B	Resistor, Surface Mount	N.M.	-	-	0603	2
RSW1_A, RSW1_B	Resistor, Surface Mount	N.M.	-	Rohm	1608	2
RSW2_A, RSW2_B	Resistor, Surface Mount	0Ω	-	Rohm	1608	2
U1_A, U1_B	-	-	ML7661-311GDZ05BX	LAPIS Technology	P-WQFN40-0606-0.50-63	2
U2_A, U2_B	LDO	-	BD00GC0	Rohm	HTSOP-J8	2
X1_A, X1_B	-	-	CX2016DB27120D0	Kyocera	2.0mm×1.6mm	2

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