



Bill of Materials for the AX71552SGEVB Evaluation Board

Designator	Quantity	Description	Value	Tolerance	Footprint	Manufacturer	Manufacturer Part Number	Substitution Allowed	Lead Free
L1	1	LED			3528	WURTH ELEKTRONIK	150141RS73100	Yes	
L2	1	LED			3528	WURTH ELEKTRONIK	150141GS73100	Yes	
L3	1	LED			3528	WURTH ELEKTRONIK	150141BS73100	Yes	
L4	1	LED			3528	WURTH ELEKTRONIK	150141RS73100	Yes	
L5	1	LED			3528	WURTH ELEKTRONIK	150141GS73100	Yes	
L6	1	LED			3528	WURTH ELEKTRONIK	150141BS73100	Yes	
L7	1	LED			3528	WURTH ELEKTRONIK	150141RS73100	Yes	
L8	1	LED			3528	WURTH ELEKTRONIK	150141GS73100	Yes	
L9	1	LED			3528	WURTH ELEKTRONIK	150141BS73100	Yes	
L10	1	LED			3528	WURTH ELEKTRONIK	150141M173100	Yes	
L11	1	LED			3528			Yes	
L12	1	LED			3528			Yes	
IC1	1		-		34mm x 45mm	CHICHIBU FUJI	TS1-024050-004	No	
C1	1	capacitor	1uF		2012	TAIYO YUDEN	UMK212BJ105MG-T	Yes	
C2	1	capacitor	1uF		2012	TAIYO YUDEN	LMK212BJ105KG-T	Yes	
C3	1	capacitor	1uF		2012	TAIYO YUDEN	UMK212BJ105MG-T	Yes	
R1	1	resistance	1.2KΩ		3216	KOA	RK73B2BTTD122J	Yes	
R2	1	resistance	1.2KΩ		3216	KOA	RK73B2BTTD122J	Yes	
R3	1	resistance	1.2KΩ		3216	KOA	RK73B2BTTD122J	Yes	
R4	1	resistance	1.2KΩ		3216	KOA	RK73B2BTTD122J	Yes	
R5	1	resistance	1.2KΩ		3216	KOA	RK73B2BTTD122J	Yes	
R6	1	resistance	1.2KΩ		3216	KOA	RK73B2BTTD122J	Yes	
R7	1	resistance	1.2KΩ		3216	KOA	RK73B2BTTD122J	Yes	
R8	1	resistance	1.2KΩ		3216	KOA	RK73B2BTTD122J	Yes	
R9	1	resistance	1.2KΩ		3216	KOA	RK73B2BTTD122J	Yes	
R10	1	resistance	150KΩ		1608	KOA	RK73H1JTTD1503F	Yes	
R11	1	resistance	3.0KΩ		3216	KOA	RK73B2BTTD302J	Yes	
ADR0	1	3-state switch				NKK	G-13AP	Yes	
ADR1	1	3-state switch				NKK	G-13AP	Yes	
ADR2	1	3-state switch				NKK	G-13AP	Yes	
ADR3	1	3-state switch				NKK	G-13AP	Yes	
SEL	1	2-state switch				NKK	G-12AP	Yes	

DR_SEL	1	3-state swich				NKK	G-13AP	Yes	
J1	1	JUMPER			2.54mm pitch			Yes	
J2	1	JUMPER			2.54mm pitch			Yes	