

EvalAg6100

PCB Information

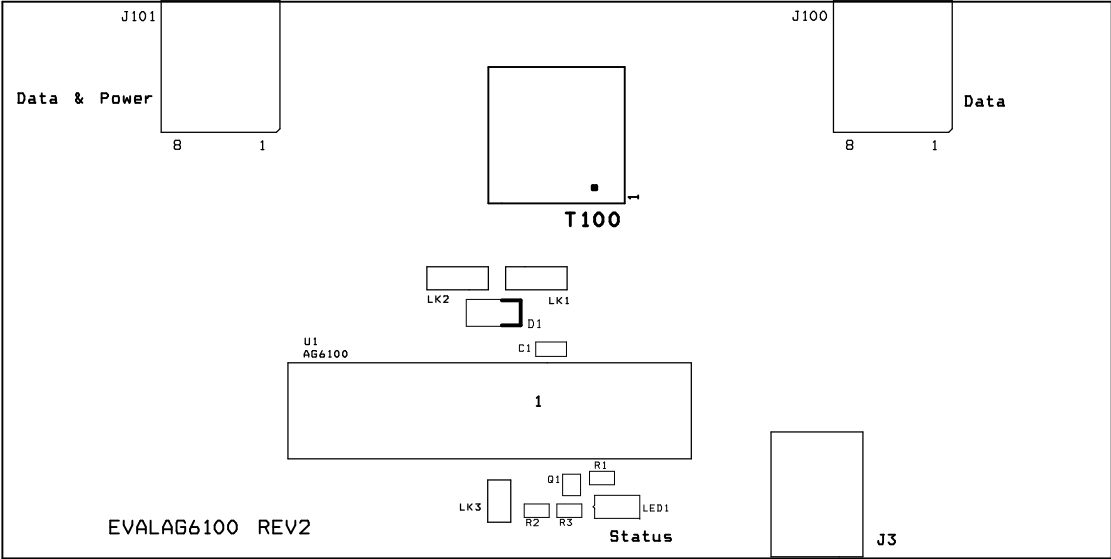
EVALAg6100 Eval Board - Rev.2R

27th August 2015

Date

Strictly Private and Company Confidential

Silver Part No.	Description	Value	Location:	Qty:	Package:	Rating:	Tol:	Supplier Pt NO:	Comments:
	POE+ PSE Module	Ag6100	U1	1	Custom	-	-	Silver Telecom Part	
	Transistor NPN 60v Single	BC846Bw	Q1	1	SOT323	-	-	Infineon or NXP Only	
	Protection Diode	SMAJ58A	D1	1	SMA	-	-	Vishay, ST Micro, Diodes Inc	
	Transformer - Data	10G BaseT PoE+	T100	1	SMT	-	-	Würth - 749052050	
	SM LED	RED LED	LED1	1	SMT	-	-	Würth - 150 141 RS7 310 0	
	Ceramic multi-layer	100nF	C1	1	0805	100V	20%	Samsung, NIC, TDK, Murata, Kemet & AVX	
	Ceramic multi-layer	10nF	C100 - C107	8	0805	250V	20%	Samsung, NIC, TDK, Murata, Kemet & AVX	
	Ceramic multi-layer	1000pF 2KV	C108, C109	2	1206	2KV	20%	Samsung, NIC, TDK, Murata, Kemet & AVX	
	Resistor - 0603	10K	R1, R2, R3	3	0603	63mW	1%	Royal Ohm, Eurohm & Yageo	
	Resistor - 0805	75R	R100 - R107	8	0805	125mW	1%	Royal Ohm, Eurohm & Yageo	
	Ethernet Connector	RJ45	J100, J101	2	SMT	-	-	Toby 3004S-8821-SMT	
	DC Power Connector	DC-001	J3	1	Through Hole	-	-	Toby DC-001-B-2.5MM-R	
	Link	3 Way	LK1, LK2	2	Through Hole	-	-	Toby LHCS-03S-R-060-034, Würth 61300311121	
	Link	2 Way	LK3	1	Through Hole	-	-	Toby LHCS-02S-R-060-034, Würth 61300211121	
	Module Socket	6 Way	U1	1	Through Hole	-	-	Toby SLW-106-01-G-S	
	PCB	Rev.2R - 127mm x 102mm		1					
	Jumper Links	Links	LK1 - LK3	3		-	-		
				35		Total			



	R103		R104	C104	C109
C108	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	C103		R105	C105	
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	R102		R106	C106	
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	C101		R107	C107	
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	R100				
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