

BILL OF MATERIALS (Default)

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 Design: 125kHz RfID Demonstrator  
 Doc. no.: CEPE/SIDCOMDEMO/IWS  
 Revision: 1.0  
 Author: IWS

Partslist generated OK.

QTY	PART-REFS	VALUE	PACKAGE
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Resistors			
1	R1	1K	1206
3	R2,R15,R28	680R	1206
3	R3,R4,R6	47K	1206
1	R5	91K	1206
4	R7,R16,R17,R27	27K	1206
2	R12,R25	10K	1206
1	R13	39K	1206
1	R14	22R	1206
1	R18	470K	1206
1	R19	4K7	1206
1	R20	43K	1206
1	R21	82R	1206
1	R22	100K	1206
1	R23	75K	1206
1	R24	68K	1206
1	R26	360R	1206
Capacitors			
5	C1,C2,C3,C4,C6	100n	1206
1	C5	2.2u	ELEC-RAD10
2	C7,C8	22P	1206
4	C9,C18,C19,C20	100N	1206
1	C10	22N	1206
1	C11	1N5	1206
1	C12	220N	1206
1	C13	2N2	1206
1	C14	4N7	1206
1	C15	47N	1206
1	C16	22U	CAP-POLR20
1	C17	10N	1206
1	C21	150P	1206
1	C22	10U	CAP-POLR20
Integrated Circuits			
2	U1,U7	74HC125	SOP14.225
1	U2	MAX202CSE	SOP16.225
1	U3	L4931 SO8	SOP8.225
1	U4	LM358AN	SOP8.225
1	U5	PIC16F873	SOP28.375
1	U6	U2270B	SOP16.225
Crystals			
1	X1	CRYSTAL	XTAL18
Transistors			
1	Q1	BC847	SOT23-NPN
1	Q2	BC858A	SOT23-TRAN

2	Q3,Q4	BC849B	SOT23-TRAN
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Diodes

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1	D1	LED 3mm Green	LED3MM
2	D2,D3	SMLLED	SMLLED_PLCC2
1	D4	BAS21	SOT23-D1
4	D5,D6,D7,D8	BAS16	SOT23-D1

Connectors

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2	J1,J8	10 WAY IDC	IDC10-LP
1	J2	9 way D skt	D_9WAY_SKT
1	J3	MOLEX 2 WAY HDR	MOLEX01-2
1	J9	CONN-H6	2ROWHDR_3
1	J10	RF COIL	MOLEX0156_2

Miscellaneous

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4	EF1,EF2,EF3,EF4	MURATA NFM51R	EMI_NFM51R
1	L1	10U	1210