

TITLE: Bill of Materials

DATE: 03/31/2017

DESIGN: 353_pmod_wifi_synergy_silex

TEMPLATE: J:\ACLib\ree_site\cdssetup\bom\ree_all_v1.0.bom

CALLOUT:

Qty	CATEGORY	PART_NUMBER	VALUE	DESCRIPTION	JEDEC_TYPE	Ref Des	REMARKS	TOLERANCE	OPERATING_VOLTAGE	POWER_RATING	MANUFACTURER_PRIMARY	MANUFACTURER_PRIMARY_ORDER_CODE
1	PASSIVE, Capacitor	151-10005133	47u	capacitor,X7R,1210,	EIA1210	C1		20%	6.3V	?	TAIYO YUDEN	JMK325B7476MM-TR
1	PASSIVE, Capacitor	151-10004040	100n	capacitor,X7R,0603,	EIA0603	C2		10%	50V	?	YAGEO	CC0603KRX7R9BB104
1	CONNECTOR,Board-Board,Board-Cable	160-10006514	TSW-106-08-T-D-RA	header12pin6x2row	PMOD_2X6X2_54	CN1				?	SAMTEC	TSW-106-08-T-D-RA
0	CONNECTOR, Board-Board, Board-Cable	160-10004322	header 7way	header, 7way,1row,vertical,	1X7X2_54	CN2	Not Fitted			?	Wuerth Elektronik	613 007 111 21
0	CONNECTOR, Board-Board, Board-Cable	160-10004883	header 2way	header, 2way,1row,vertical,	1X2X2_54	CN3,CN5	Not Fitted			?	Harwin	M20-9990246
0	CONNECTOR, Board-Board, Board-Cable	160-10004319	header 4way	header, 4way,1row,vertical,	1X4X2_54	CN4	Not Fitted			?	Wuerth Elektronik	613 004 111 21
1	OTHER,Transceiver	176-10006444	SX-ULPGN-2000	WiFiModule	SIL_SX_ULGN	IC1			3.3V	?	Silex	SX-ULPGN-2000
0	PASSIVE, Resistor	150-00000271	10K	resistor,0603,1/10Watt,E24	EIA0603	R1,R2,R3,R4,R5,R9,R10	Not Fitted	1%	50V	0.1W	YAGEO	RC0603FR-0710KL
4	PASSIVE, Resistor	150-00000271	10K	resistor,0603,1/10Watt,E24	EIA0603	R7,R8,R11,R12		1%	50V	0.1W	YAGEO	RC0603FR-0710KL
1	PASSIVE, Resistor	150-00000247	1K0	resistor,0603,1/10Watt,E24	EIA0603	R6		1%	50V	0.1W	YAGEO	RC0603FR-071KL