

CC2430EM Schematic Parts list

Designation	Value	vendor	part number
C71	2.2μF	C_2U2_0402_X5R_M_4VDC**	
C191	33pF	AVX	04025A330JAT2A
C211	27pF	AVX	04025A270JAT2A
C231	220nF	AVX	04026D224KAT2A
C241	220nF	AVX	04026D224KAT2A
C251	10nF	AVX	04023C103KAT2A
C281	100nF	AVX	0402ZD104KAT2A
C351	10nF	AVX	04023C103KAT2A
C411	220nF	AVX	04026D224KAT2A
C421	1μF	C_1U_0402_X5R_L_6P3**	
C431	15pF	AVX	04025A150JAT2A
C441	15pF	AVX	04025A150JAT2A
CA1	15pF	JOH	250R07C150JV4
FM1	Fiducial Mark		
FM2	Fiducial Mark		
FM3	Fiducial Mark		
LA1	5.6nH	JOH	L-07C5N6J
P1	SMD pinrow socket, .050 spacing	SMD_SOCKET_2X10	
P2	SMD pinrow socket, .050 spacing	SMD_SOCKET_2X10	
P4	Surface-mount SMA, straight	SMA_SMD Johnson	
R221	56.2K	KOA	RK73H1ETTP5622F
R261	43K	KOA	RK73H1ETTP4322F
U1	Single chip transceiver	CC2430	Chipcon
X1	Crystal, ceramic SMD 3.2x2.5mm (32MHz)	X_32.000/10/15/30/16	
X2	Crystal, MC-306 SMD (32 KHz)	X_32.768/20/50/40/12	
A	BD2425N50200		Anaren

** Contact TI for vendor and actual part number.