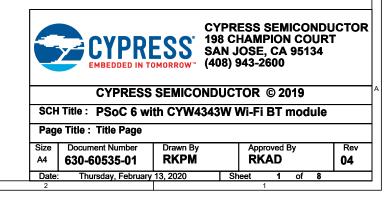
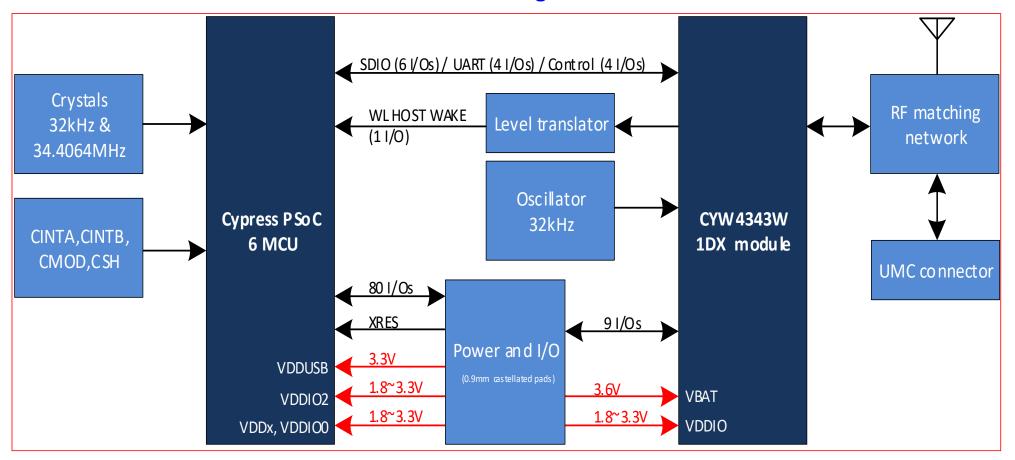
CY8CMOD-062-4343W - PSoC 6 with CYW4343W Wi-Fi BT module

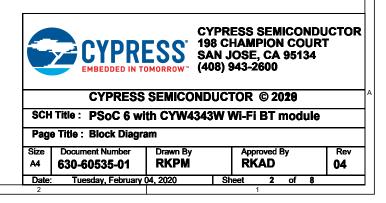
CONTENTS				
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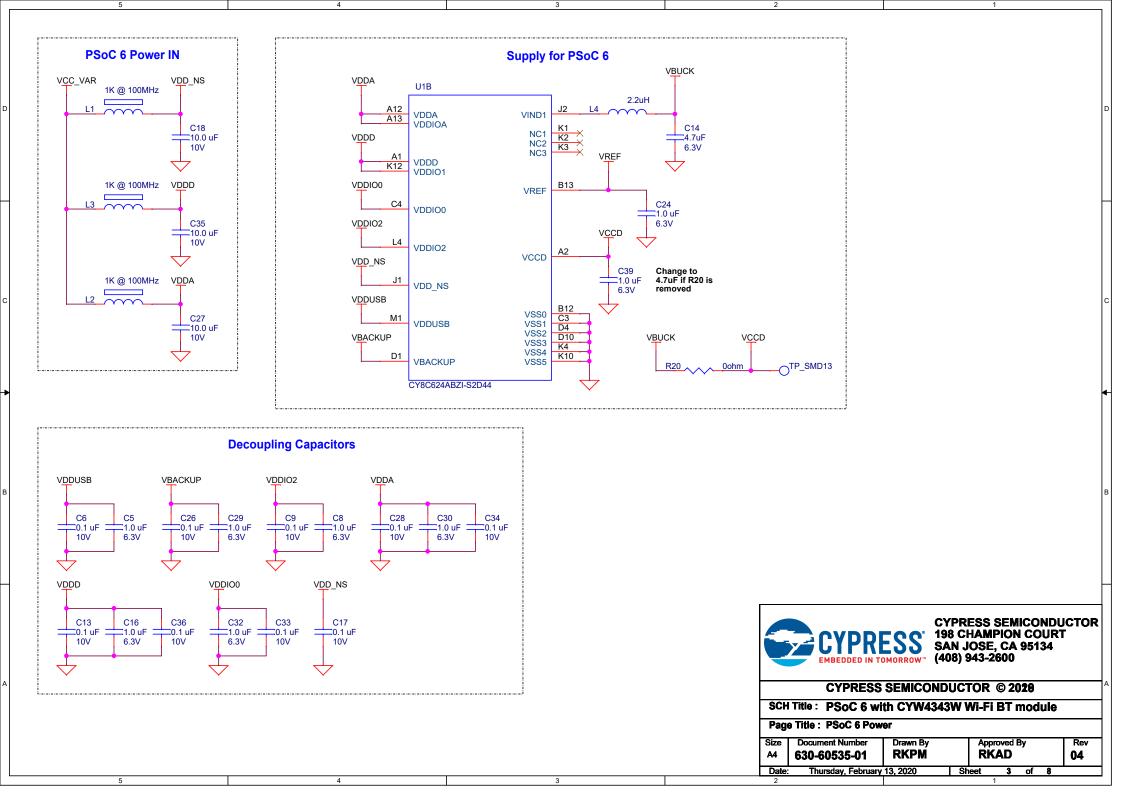
Drawing Numbers				
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PCB	600-60535-01			
FAB DRW	610-60535-01			
ASSY DRW	620-60535-01			
SCH DRW	630-60535-01			

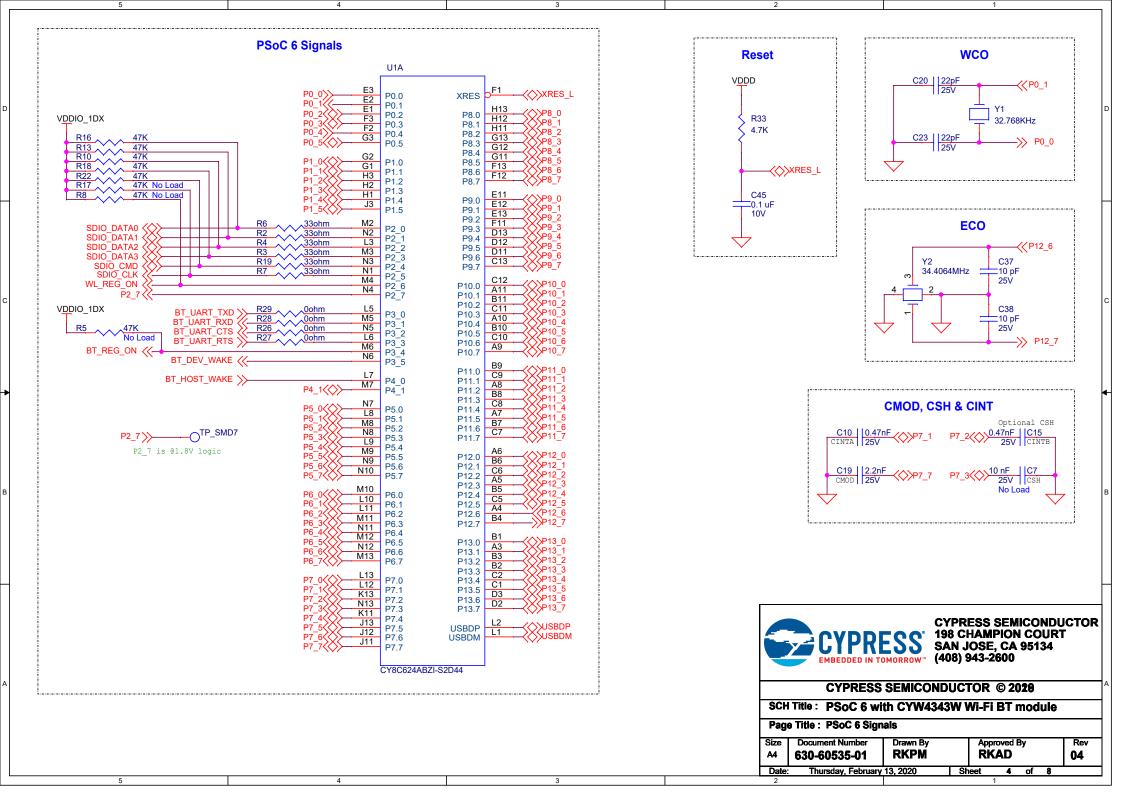


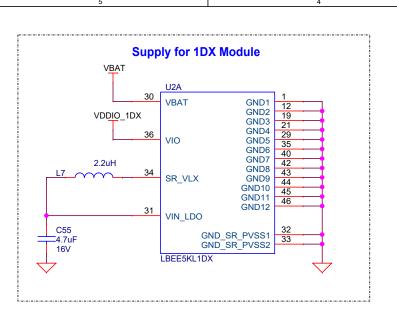
Block Diagram

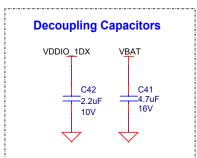














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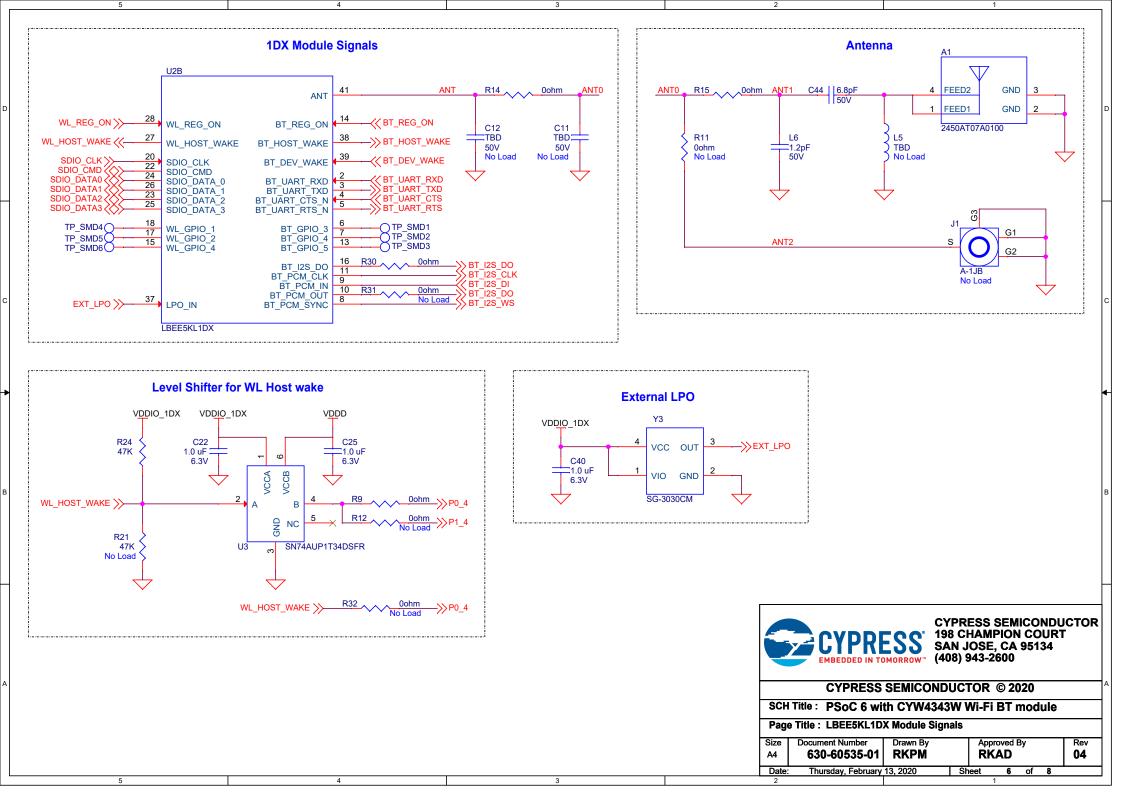
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Pins for castellated PADs Pins arrangement for castellated PADs VDDIO0 TP100 TP99 TP98 TP101 P9_1 TP53 111 110 109 TP48 **←** TP84 TP101 P0 P9 TP6 **VDDUSB** TP80 TP85 TP102 TP81 TP54 108 TP5 TP102 P9_6 TP58 • TP26 P9 7 TP56 **VBACKUP** TP83 TP55 P10 0 TP86 TP82 TP32 TP13 TP13 TP21 TP12 TP30 TP25 TP35 TP35 TP35 TP35 TP35 TP20 TP22 TP70 P10 1 ← TP87 TP69 P10 2 102 P5_0 P10_3 TP59 **VREF** P5 P10 4 **TP67** 100 P5 2 P10_5 TP71 99 98 97 96 95 **→** TP57 P10 6 **TP60** TP66 P10 7 VCC_VAR P11 0 TP68 P11 1 TP61 P5 P11_2 TP65 **←** TP49 94 P6 0 TP64 93 92 91 90 VDDD P6_ TP62 P11 4 P6 2 P11 5 TP73 TP37 TP36 TP24 TP23 TP23 P6 TP74 • TP52 P11_7 P6 4 TP72 89 88 87 86 **VDDA** P6 5 TP75 P12_1 P6 6 TP76 ← TP50 P6 TP79 P7 TP39 TP40 TP45 TP45 TP44 TP44 TP42 TP45 TP45 TP46 TP45 TP45 TP45 TP47 **TP77** 85 84 83 VBAT P12_4 P7 TP78 P7_4 P12 5 TP63 P7 5 TP91 TP19 TP17 P13 0 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 P13⁻1 TP88 P8_0 TP89 VDDIO 1DX P8_1 TP90 TP92 TP93 ← TP95 P8 4 P13 6 TP97 VDDIO2 P8 5 P13⁷ TP96 USBDP TP29 TP2 —**●** TP31 P4_1 () P4_1 is @1.8V logic 66 TP106 TP103 TP105 TP104 • TP10 BT UART RXD 64 ◆ TP1 BT UART CTS << ← TP94 WL_HOST_WAKE >>--TP9 BT I2S DO > TP110 TP109 TP108 TP107 BT_I2S_DI TP111 BT IZS CLK X CYPRESS SEMICONDUCTOR • TP16 **198 CHAMPION COURT SAN JOSE, CA 95134** TP27 (408) 943-2600 • TP11 **←** TP51 **CYPRESS SEMICONDUCTOR © 2019 ←** TP18 SCH Title: PSoC 6 with CYW4343W Wi-Fi BT module Page Title: Interface to BaseBoard Document Number Drawn By Approved By Rev **RKPM RKAD** 04 630-60535-01

Thursday, February 13, 2020

Sheet

REVISION HISTORY					
REV	DESCRIPTION OF CHANGE	DATE			
01	Initial release, Beta	09-Nov-2018			
02	Updated J1 footprint and Manufacturer name	17-Dec-2018			
03	Updated antenna matching network C44, L5 and L6 WCO load cap values updated	10-Sep-2019			
04	WCO load cap values changed to 22pF	02-Feb-2020			



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