FIDUCIAL_MARK_1MM FM1
FIDUCIAL_MARK_1MM FM2
FIDUCIAL_MARK_1MM FM3
FIDUCIAL_MARK_1MM FM4
FIDUCIAL_MARK_1MM FM5
FIDUCIAL_MARK_1MM FM6

IOVDD
R101 R_0402
1V8
3V3
L101 L_BEAD_102_0402
C104 C_2U2_0402_X5R_M_6P3VDC

VDD
L202 L_BEAD_102_0402
3V3
C202 C_2U2_0402_X5R_M_6P3VDC

P1 SMD_SOCKET_2X10
SDA SCL GIO12 GIO13 GIO1 GIO2 CSN SCLK MOSI MISO

P2 SMD_SOCKET_2X10
1V8 3V3 WCLK MCLK RSTN BCLK AD2 AD1 AD0 GIO3

CC85XX U1
USBM USBP CSN SCLK MOSI MISO GIO1 GIO2 GIO3 IOVDD
GND_EXPOSED DVDD DCPL GIO15 IOVDD GIO14 GIO13 GIO12 SDA SCL AVDD
RBIAS VBAT AVDD AVDD AVDD RF_N RF_P AVDD XO XI
RSTN IOVDD MCLK BCLK WCLK AD0 AD1 IOVDD AD2 AVDD

VDD C311 C_100N_0402_X5R_K_10
IOVDD C401 C_1U_0402_X5R_K_6P3 C391 C_1U_0402_X5R_K_6P3
R_0_0402 L381 C_100N_0402_X5R_K_10 C371
L361 L351 L341 L331 L321 L_6N8_0402_J
R291 R_100K_0402_F
R_56K_0402_F R301 R302 R_0_0402 L291 L_6N8_0402_J
VDD C271 C_100N_0402_X5R_K_10
C261 C_220P_0402_NP0_J_50
VDD C231 C_100N_0402_X5R_K_10
C101 C_100N_0402_X5R_K_10
L110 L_6N8_0402_J
IOVDD C121 C_100N_0402_X5R_K_10
L131 L141 L151 L161 L_6N8_0402_J
L171 R_0_0402
C181 C_100N_0402_X5R_K_10
L191 R_0_0402
C201 C_100N_0402_X5R_K_10
X1 X_48.000/15/18/60/10
C211 C_12P_0402_NP0_J_50
C221 C_12P_0402_NP0_J_50
GND

3V3 L11 L_BEAD_102_0402 AVDD_CC2590
C12 C_2U2_0402_X5R_M_6P3VDC
Use only for CC2591.
C13 1000pF
C13 C_0402
R361 R_10K_0402_F
TLIN inductor
C161 C_IN_0402_NP0_J_50
C132 C_IN_0402_NP0_J_50
C131 C_18P_0402_NP0_J_50
C103 C_0402
C102 C_IN_0402_NP0_J_50

CC2590 U2
UNUSED RF_N RXTX RF_P PAEN EN HGM GND
GND AVDD_BIAS PABIAS GND AVDD_LNA GND ANT AVDD_PA GND
R241 R_0402
R151 R_4K3_0402_G
R71 R_0402
R72 R_4K3_0402_G
AVDD_CC2590
L111 L_2N2_0402_C_LOW
C111 C_1P2_0402_NP0_C_50
L113 L_3N9_0402_C_LOW
C112 C_6P8_0402_NP0_C_50
C113 C_1P8_0402_NP0_C_50
L112 L_1N5_0402_S

SMA_SMD P4
SMA_SMD P3
R244 R243 R_0402
C_100P_0402_NP0_J_50
AS222-92_SPDT J3 GND J2 V2 J1 V1
USBP USBM
C1 C2 C3 C_100P_0402_NP0_J_50

CONTRACT NO. 03233		COMPANY NAME Texas Instruments	
APPROVALS	DATE	DWG CC85XX-CC2590EM ANT-DIV	
DRAWN	FGK	SIZE A3	FSCM NO. / DWG NO. / REV. 1.0.0
CHECKED		SCALE	SHEET 1 of 1
ISSUED			