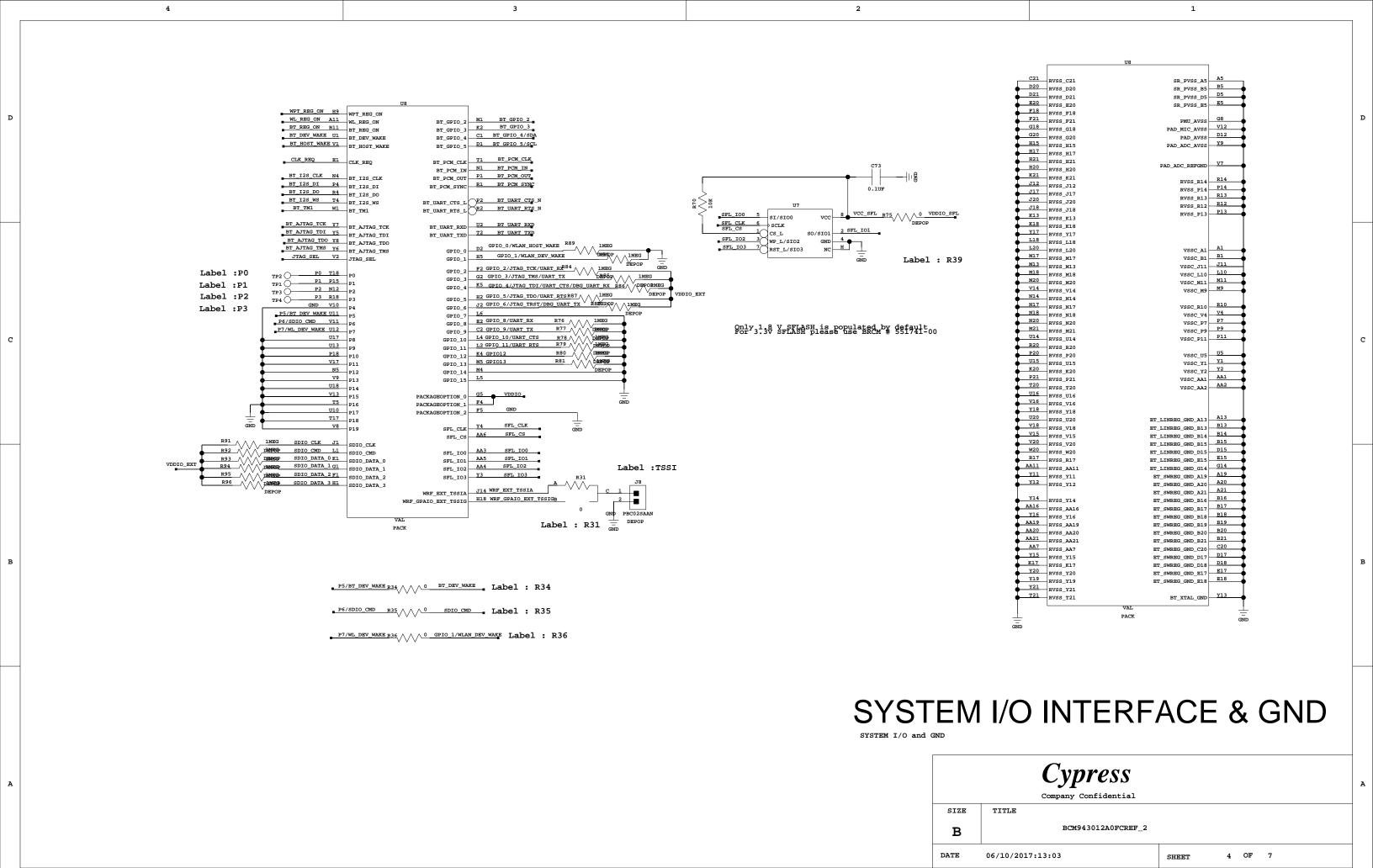
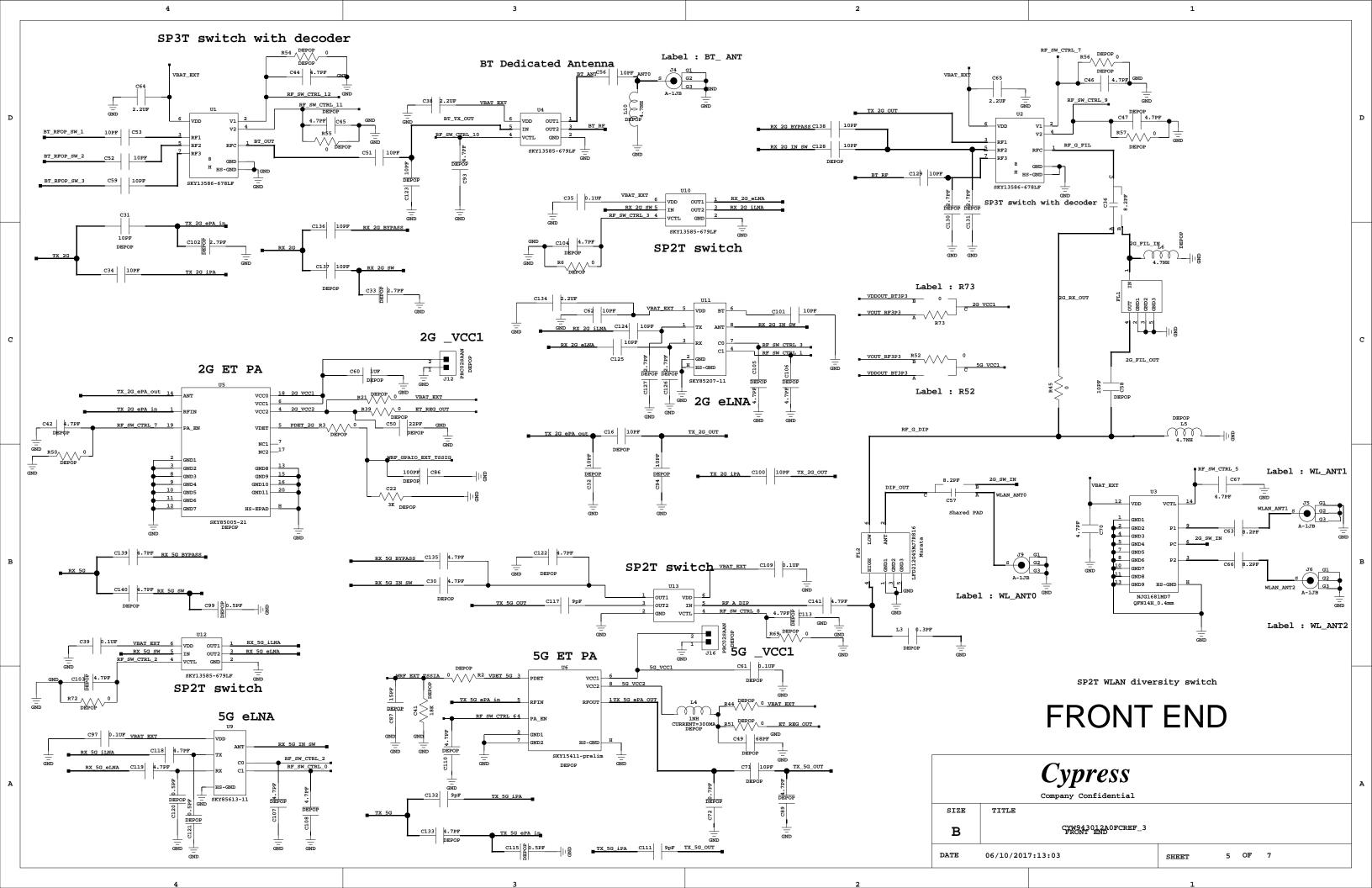
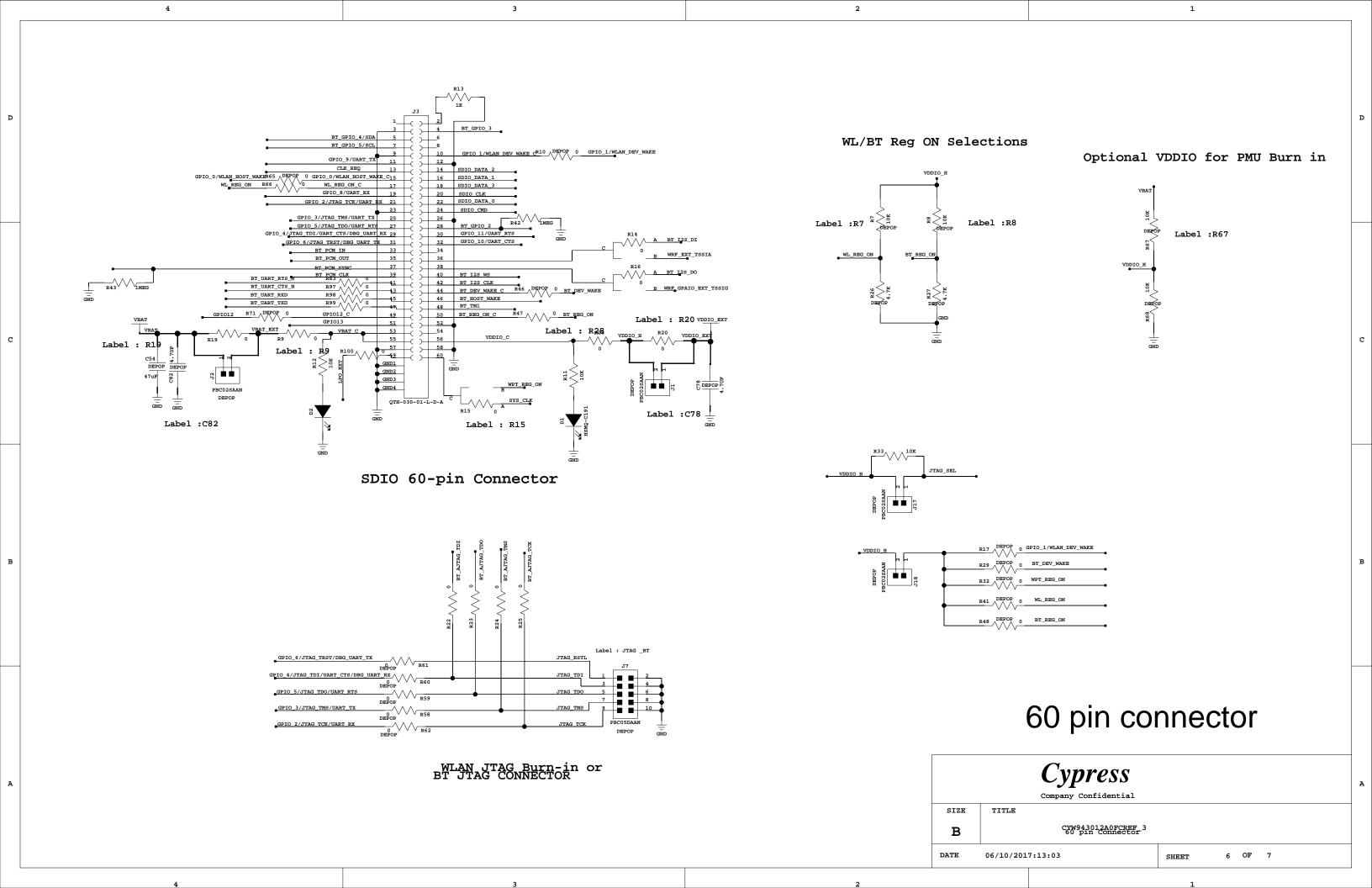


# RF SW CONTROL & XTAL

		press Confidential					
SIZE	TITLE CYW9	43012A0FCREF_3					
В	R	F SW CTRL					
DATE	06/10/2017:13:03		SHEET	3	OF	7	







# 2G i/eLNA SELECTION

2G Rx MODE	RF_SW_CTRL_3
2G eLNA	1
2G iLNA	0

# 2G eLNA/BYPASS SELECTION

Mode	RF_SW_CTRL_3	RF_SW_CTRL_1
2G eLNA	1	1
2G eLNA bypass	1	0
2G iLNA	0	1

## 2G PA SELECTION

2G Tx MODE	RF_SW_CTRL_7
2G PA On	1
2G PA off	0

#### BT- WLAN RF SWITCH CONTROL TRUTH TABLE

Mode	RF_SW_CTRL_7	RF_SW_CTRL_9
2G ePA Tx	1	0
2G iLNA Rx	0/1	1
BT Tx	0	0

### 5G i/eLNA SELECTION

5G Rx MODE	RF_SW_CTRL_2
5G eLNA	0
5G iLNA	1

### 5G eLNA/BYPASS SELECTION

Mode	RF_SW_CTRL_2	RF_SW_CTRL_0
5G eLNA	0	1
5G eLNA bypass	0	0
5G iLNA	1	1/0

#### 5G PA SELECTION

5G Tx MODE	RF_SW_CTRL_6
5G PA On	1
5G PA off	0

# 5G Tx/Rx SELECTION

5G Tx MODE	RF_SW_CTRL_8
5G Tx	0
5G Rx	1

# BT- RF SWITCH CONTROL TRUTH TABLE

BT Mode	RF_SW_CTRL_12	RF_SW_CTRL_11
BT TX, 20 dBm, Ant0	0	0
BT TX,14 dBm,Ant0	0/1	1
BT TX, 4 dBm, Ant0	1	0

# BT ANTENNA SELECTION SW CONTROL TRUTH TABLE

Antenna select	RF_SW_CTRL_10
BT_ANT	1
WLAN_ANT1/2	0

#### ANTENNA DIVERSITY SW CONTROL TRUTH TABLE

Antenna select	RF_SW_CTRL_5
WLAN_ANT1	1
WLAN_ANT2	0

# TRUTH TABLES

Cypress Company Confidential							
	SIZE	TITLE					
	В	CYW943012A0FCREF_3 Truth tables					
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