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Revisions							
Rev	Description	Date	Approved				
X1	Preliminary SCH design	14-AUG-2019	Amish D.				
X2	Preliminary SCH design	19-AUG-2019	Amish D.				
Х3	Deleted J14 & J15 Added TP matrix	21-AUG-2019	Amish D.				
X4	- J20, J21 & J22 Populated - Added TP matrix - Removed redundant caps an resistors - Jumper/DNP table updated	d <sup>22-AUG-2019</sup>	Amish D.				
A	Final Schematic and BOM	09-SEP-2019	Amish D.				
A1	Jummper table Updated	14-NOV-2019	Amish D.				
AX2	- R22 Removed - CAN terminations added - CAN_TXD tied to J9 - CAN_RXD tied to J13 - JP9 description modified JP12 Jumper(default):Open - Jumper table updated	09-JAN-2020	Amish D.				
В	Final Schematic and BOM	09-JAN-2020	Amish D.				
В1	C462, C463, C464 & C465 to DNP	07-FEB-2020	Amish D.				

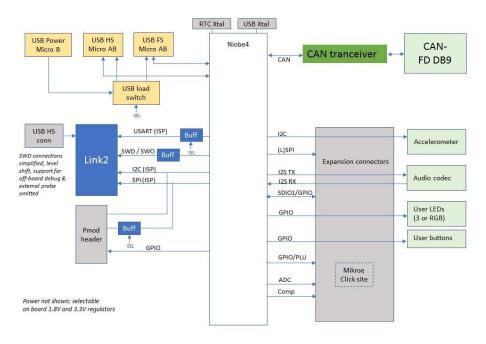
# LPC55S16-EVK



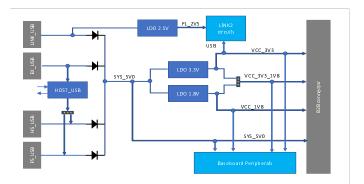
This Color is for CAD Notes

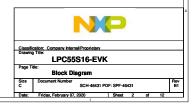
This Color is for Silk

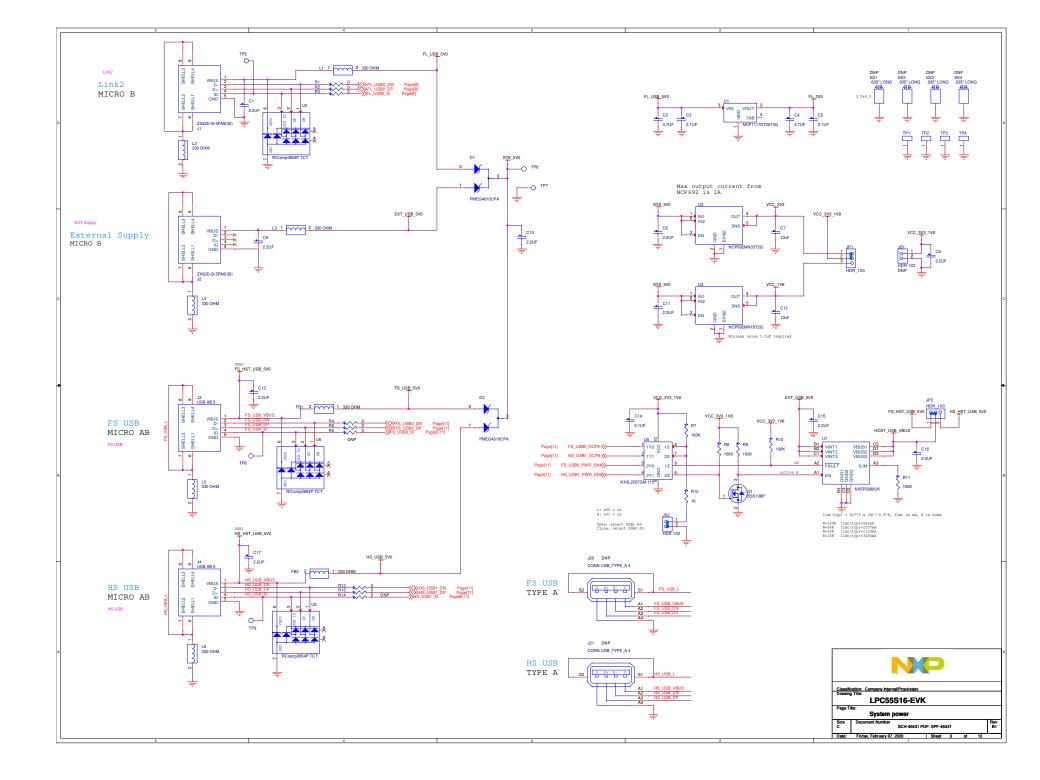
### System Block Diagram

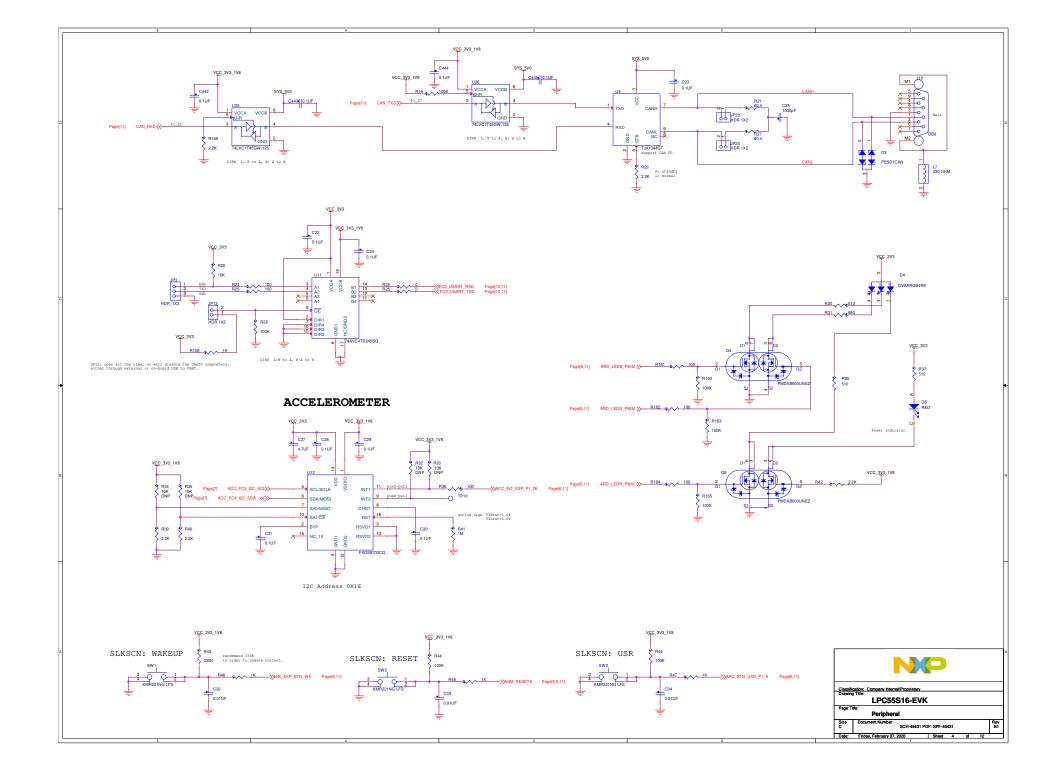


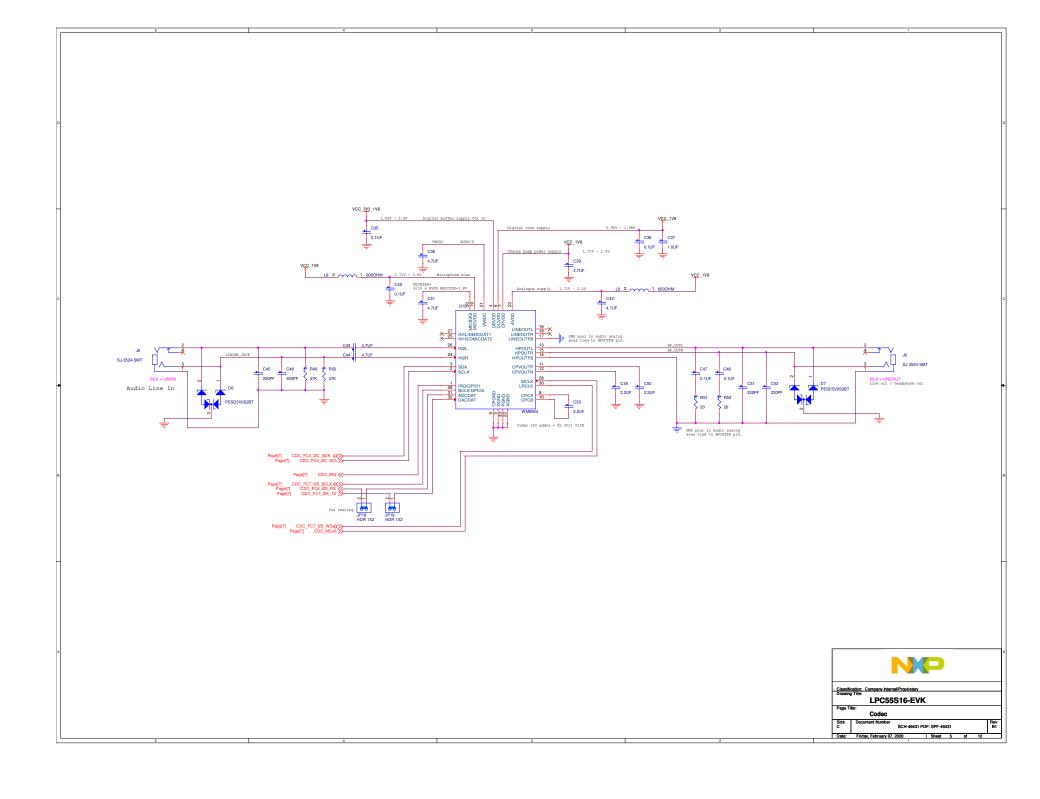
### Power Block Diagram

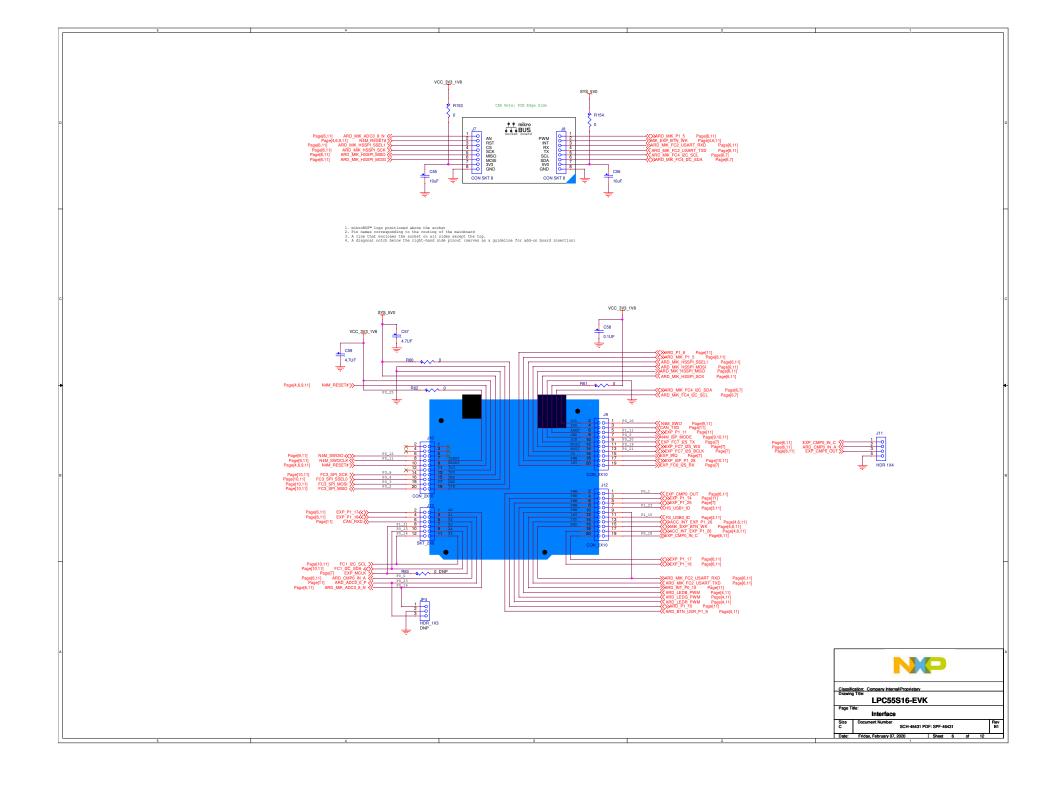


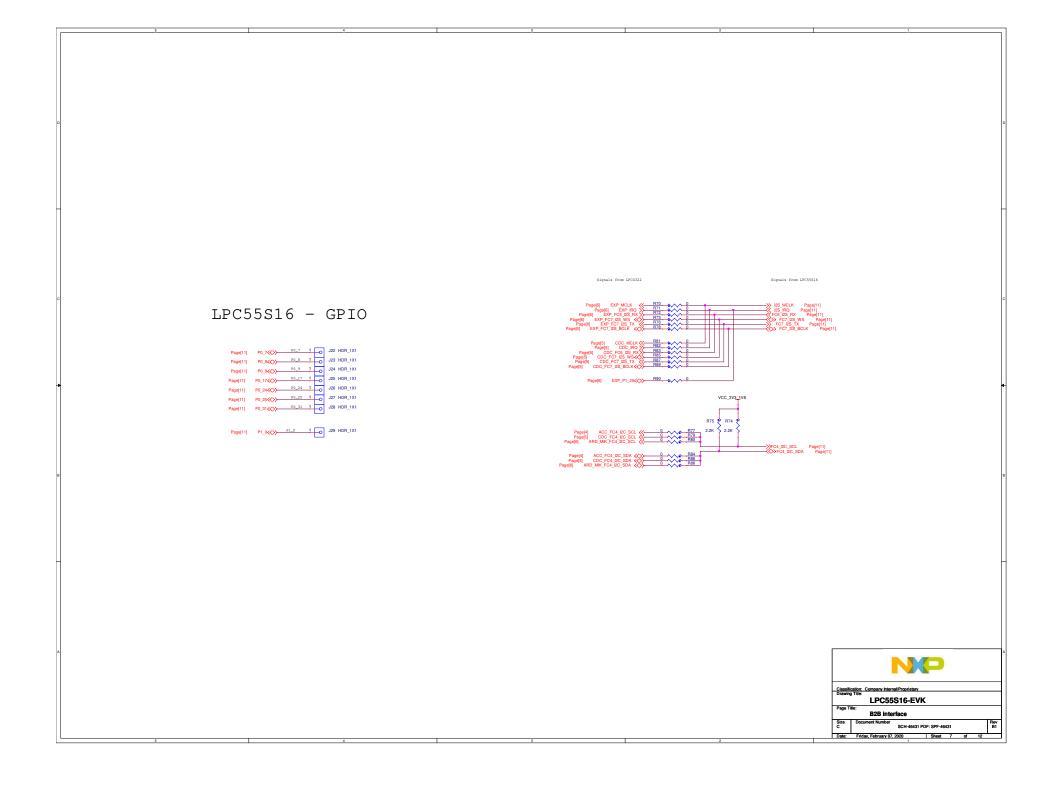


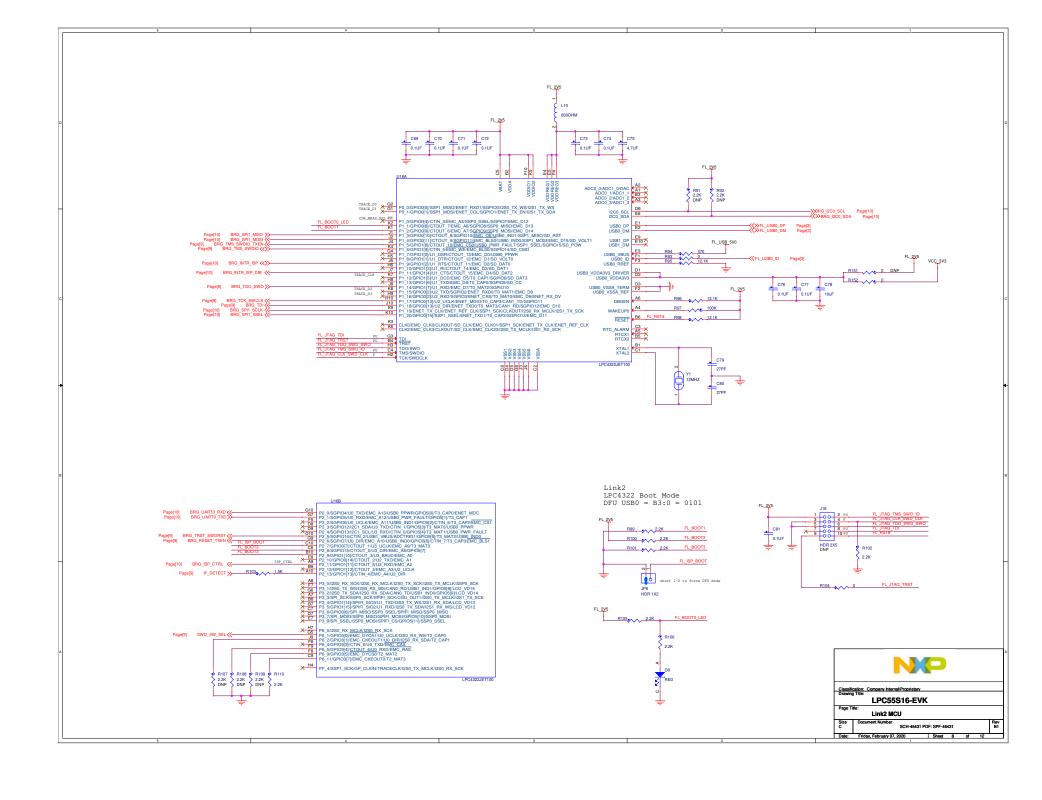


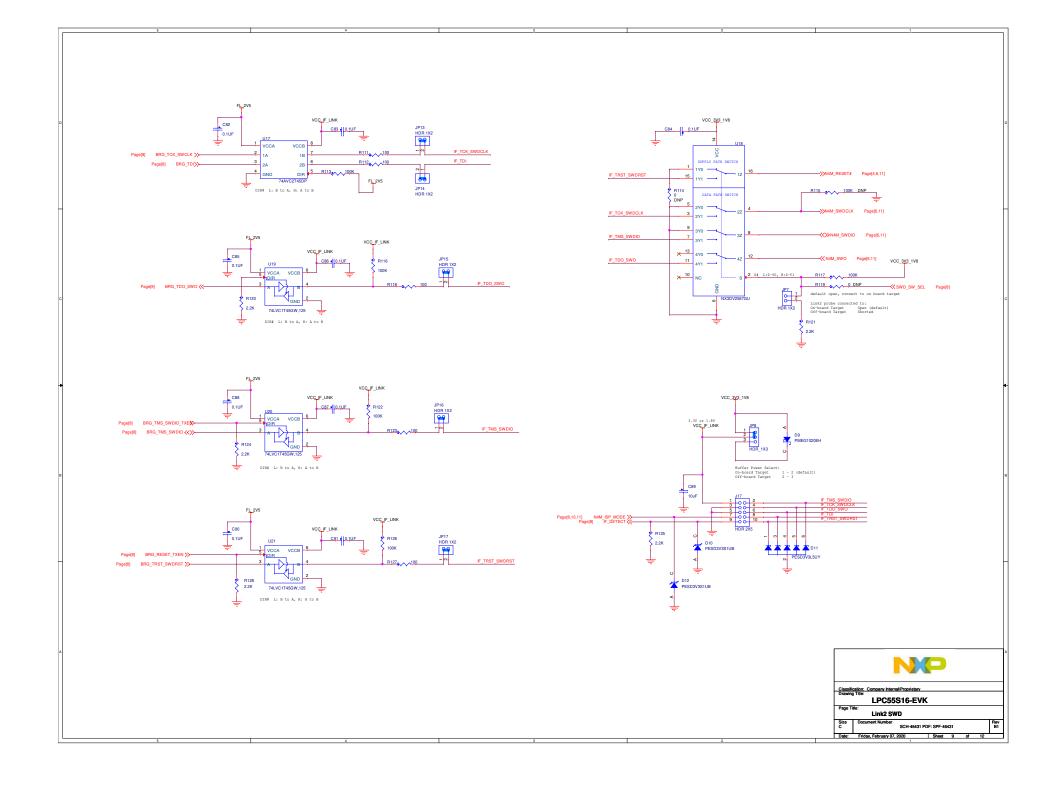


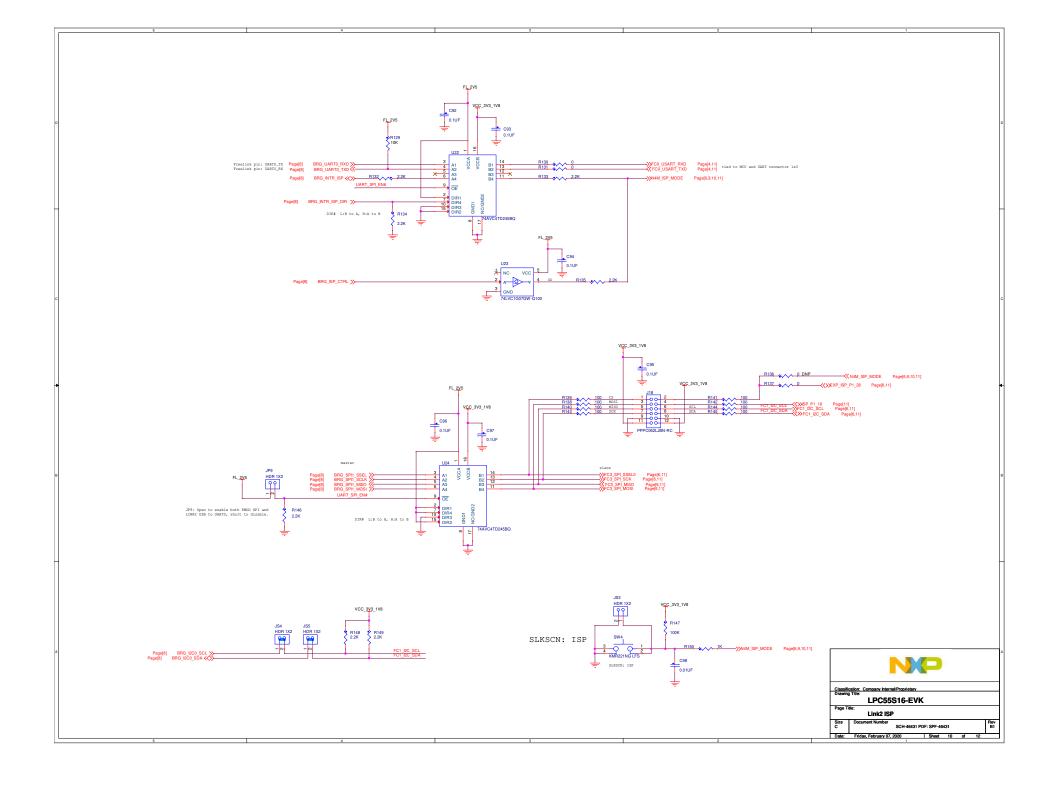


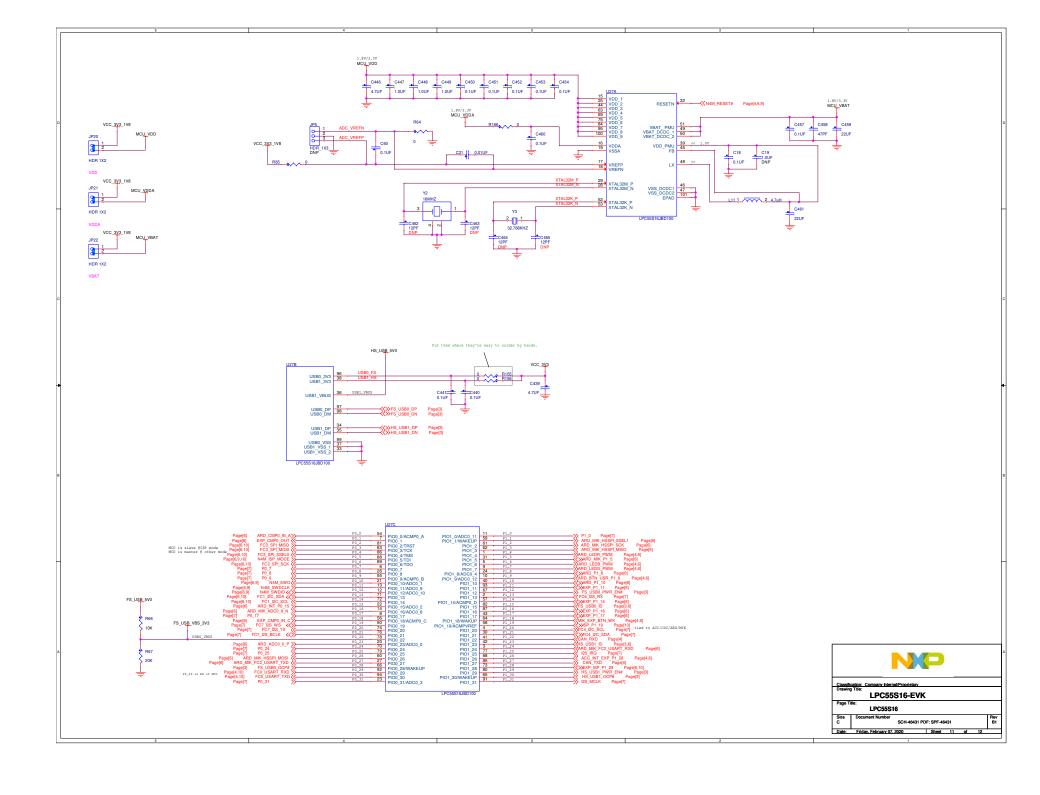












## Jumper Table

REF DES	JUMPER(DEFAULT)	PAGE NAME
JP1,JS2,JP2	1-2	03 - System Power
JP24,JP23,JP3,JP12	OPEN	04 - Peripheral
JP19,JP18		05 - Codec
J11	OPEN	06 - Other Interface
JP6	2	08 - Link2 MCU
JP17,JP14,JP16,JP8,JP13,JP15		09 - Link2 SWD
J17,JP7	OPEN	09 - Link2 SWD
JS4,JS5	1-2	10 - Link2 ISP
J18,JS3,JP9	OPEN	10 - Link2 ISP
JP20,JP22,JP21	1-2	11 - LPC55S16

#### DNP Table

REF DES	ASSY OPT	PAGE NAME
J21,R5,R14,JS1,J20,SS4,SS3, SS2,SS1	DNP	03 - System Power
R34,R35,R32,R33	DNP	04 - Peripheral
JP4,R63	DNP	06 - Other Interface
R107,R108,R109,R91,R92,J16, R151	DNP	08 - Link2 MCU
R115,R119,R114	DNP	09 - Link2 SWD
R136	DNP	10 - Link2 ISP
C464,C462,C465,C463,C19,JP5	DNP	11 - LPC55S16

