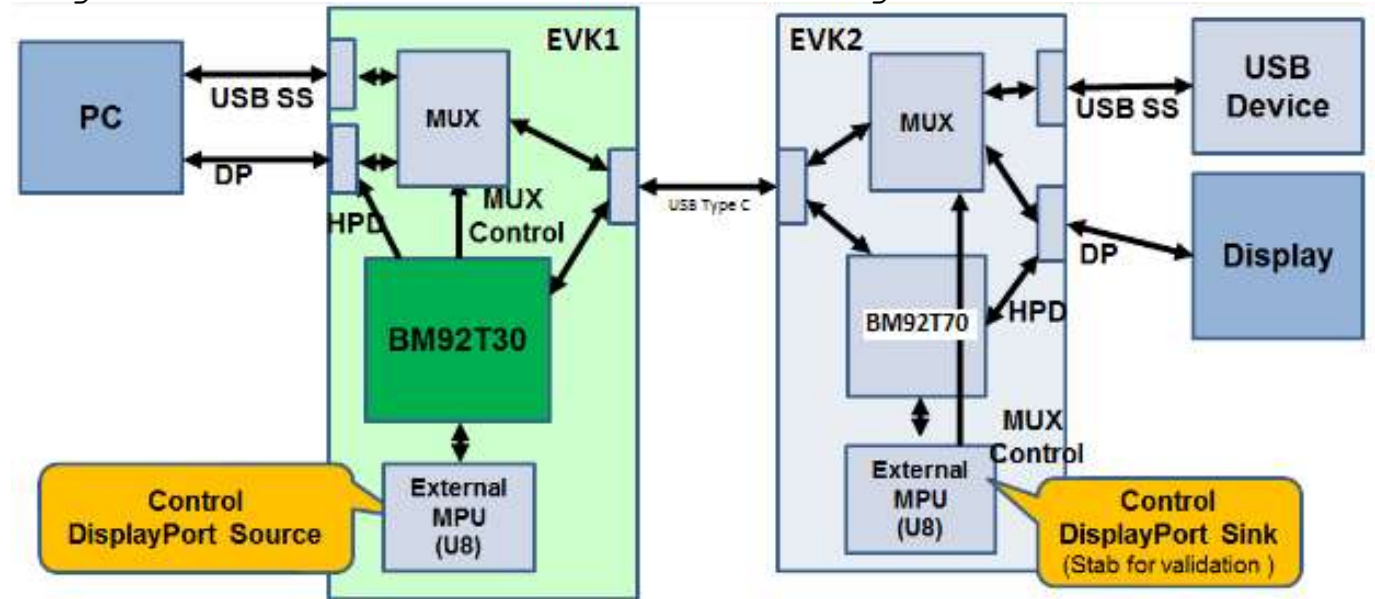


ROHM USB-PD Type-C DP Alt Mode EVK2 - Device/UFP

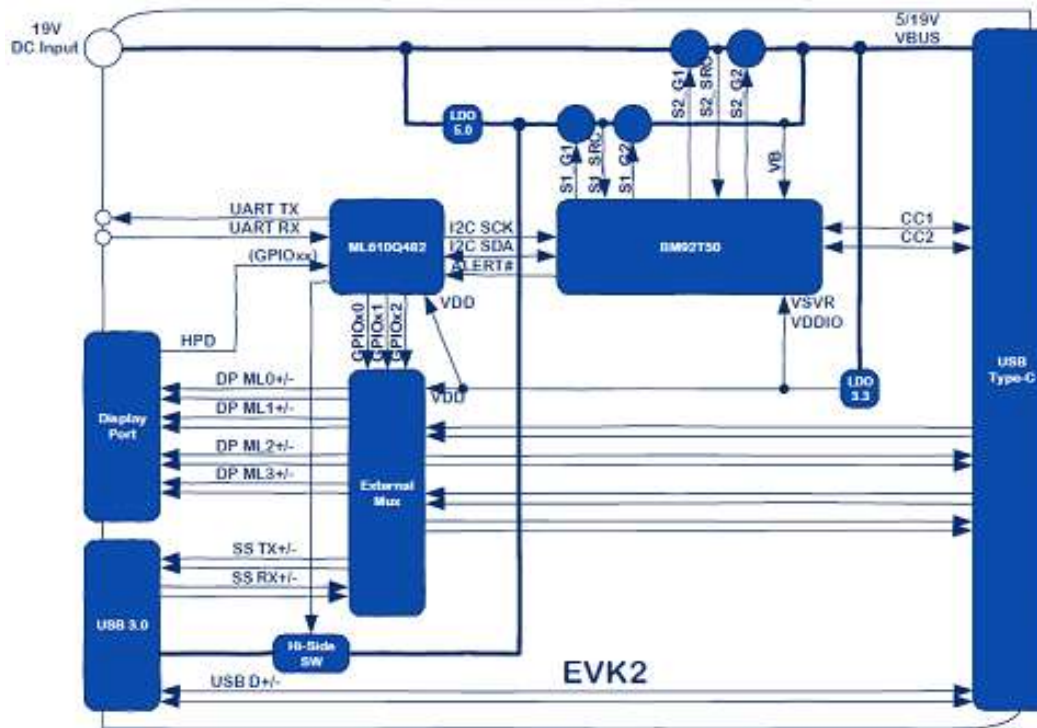
Page	Contents
1	Table of Contents/Revision History
2	High Level Block Diagram
3	ROHM USB-PD Controller
4	Pericom MUX, Receptacles
5	MCU/EC, Debug (UART to USB)
6	Power

Rev	Contents
00	Initial release 2015-04-12
01	After First review from USB-PD Group
02	Updated per change list of 2015-07-06
03	Modified USB connections
04	Adjusted for T70, others... see rev history doc

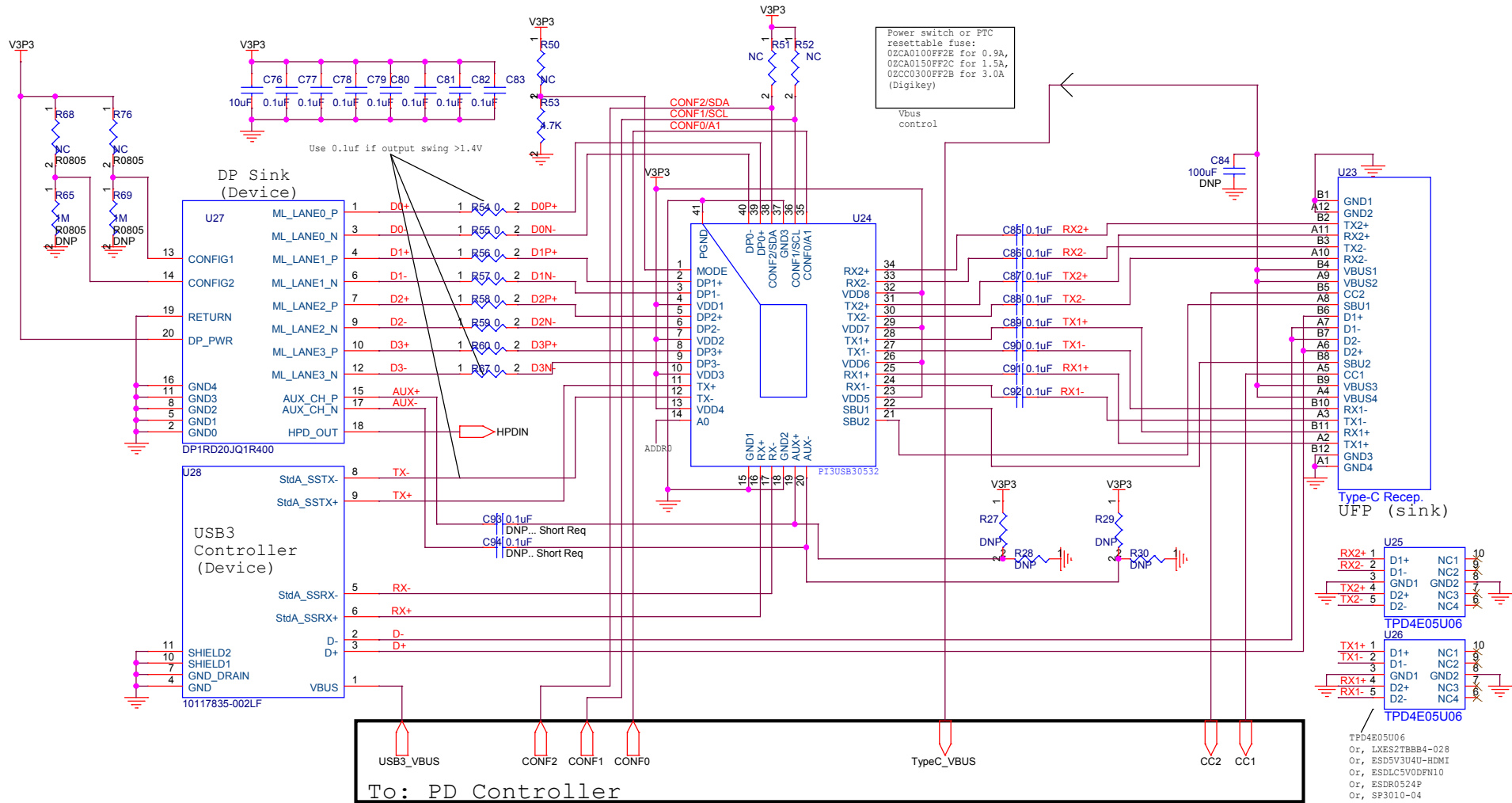
High Level Block/Connection Diagram:



Detailed Block Diagram for EVK2

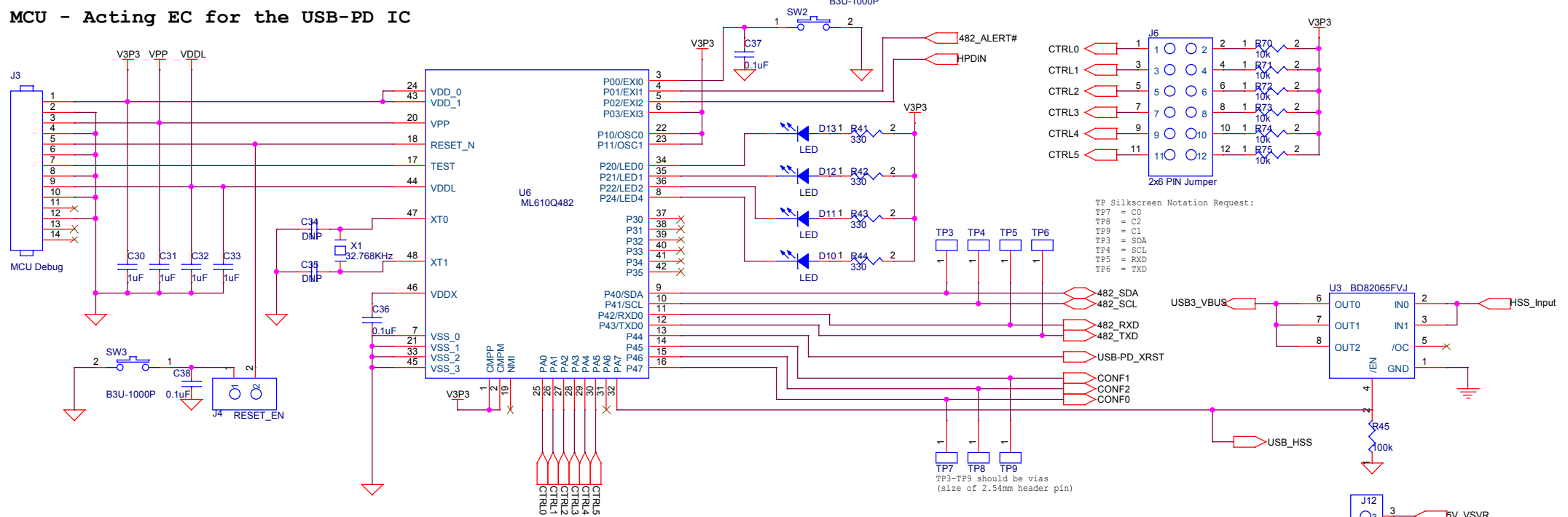


Title		
ROHM USB-PD Type-C DP Alt Mode EVK2 - Dev/UFP		
Size A	Document Number High Level Block Diagram	Rev 04
Date:	Thursday, February 11, 2016	Sheet 2 of 6

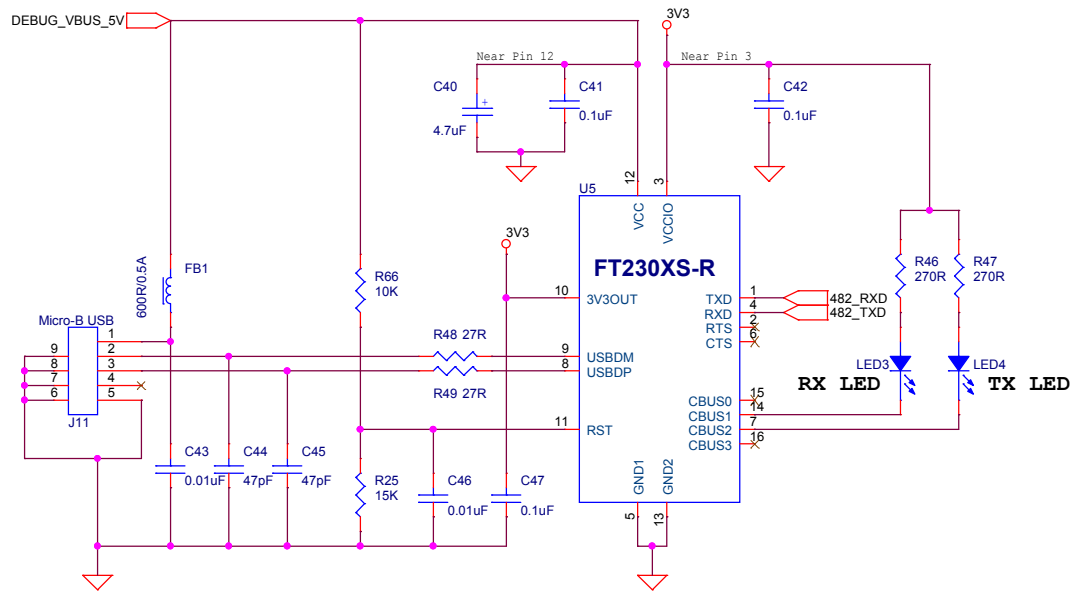


Title		
ROHM USB-PD Type-C DP Alt Mode EVK2 - Dev/UFP		
Size	Document Number	Rev
B	Pericom MUX, Receptacles	04
Date:	Thursday, February 11, 2016	Sheet 4 of 6

MCU - Acting EC for the USB-PD IC

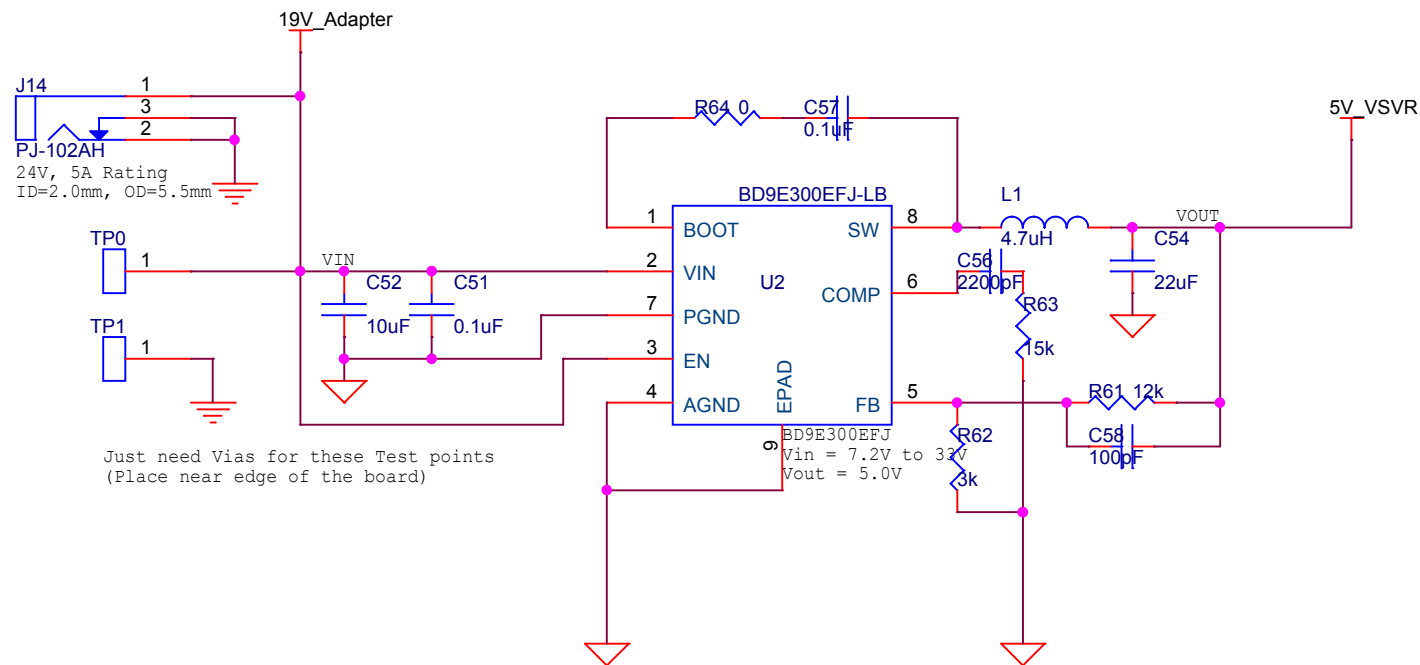


USB to serial UART interface

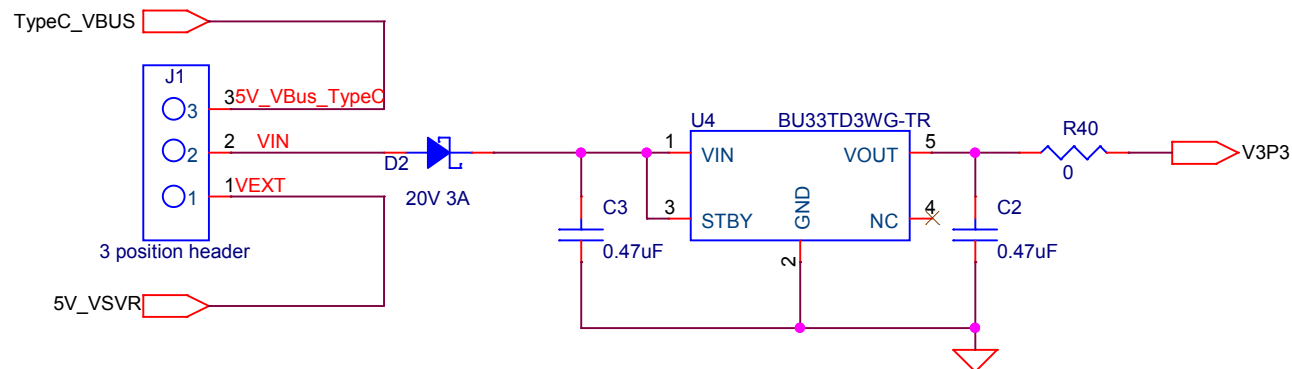


Title		
ROHM USB-PD Type-C DP Alt Mode EVK2 - Dev/UFP		
Size	Document Number	Rev
B	Power, MCU/EC, Debug (UART to USB)	04
Date:	Thursday, February 11, 2016	Sheet 5 of 6

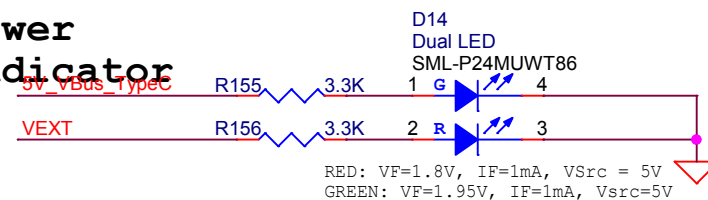
INPUT POWER - 19V Adapter to 5V VSYS



5V VSYS to 3.3V System Power Generation



System Power Indicator



Title ROHM USB-PD Type-C DP Alt Mode EVK2 - Dev/UFP		
Size A	Document Number Power	Rev 04
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