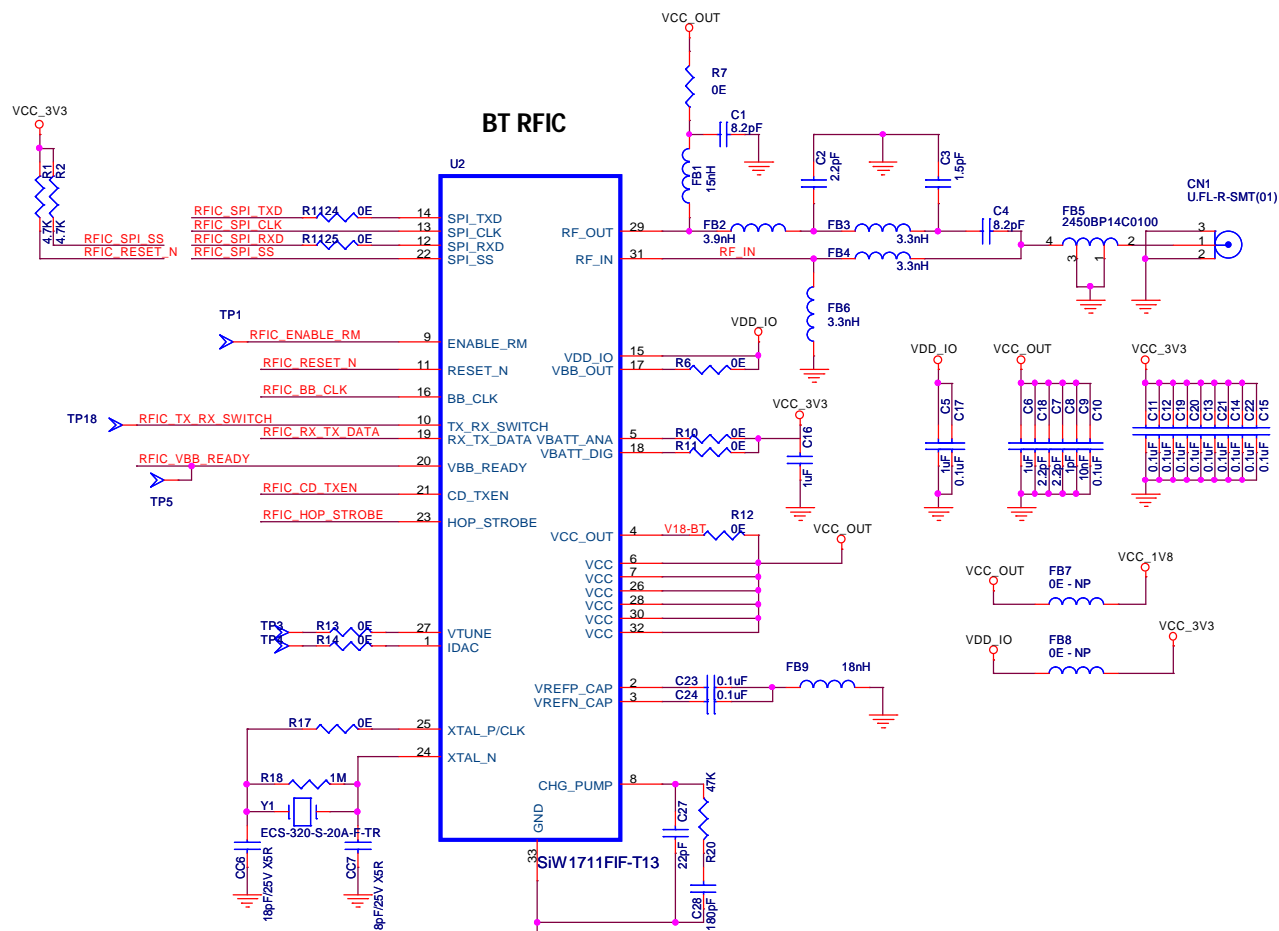
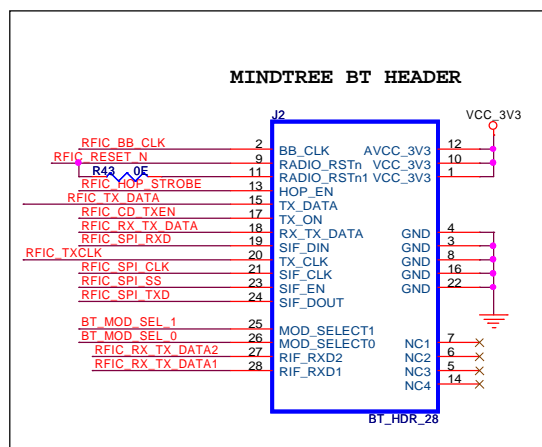
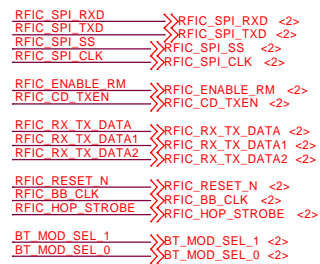
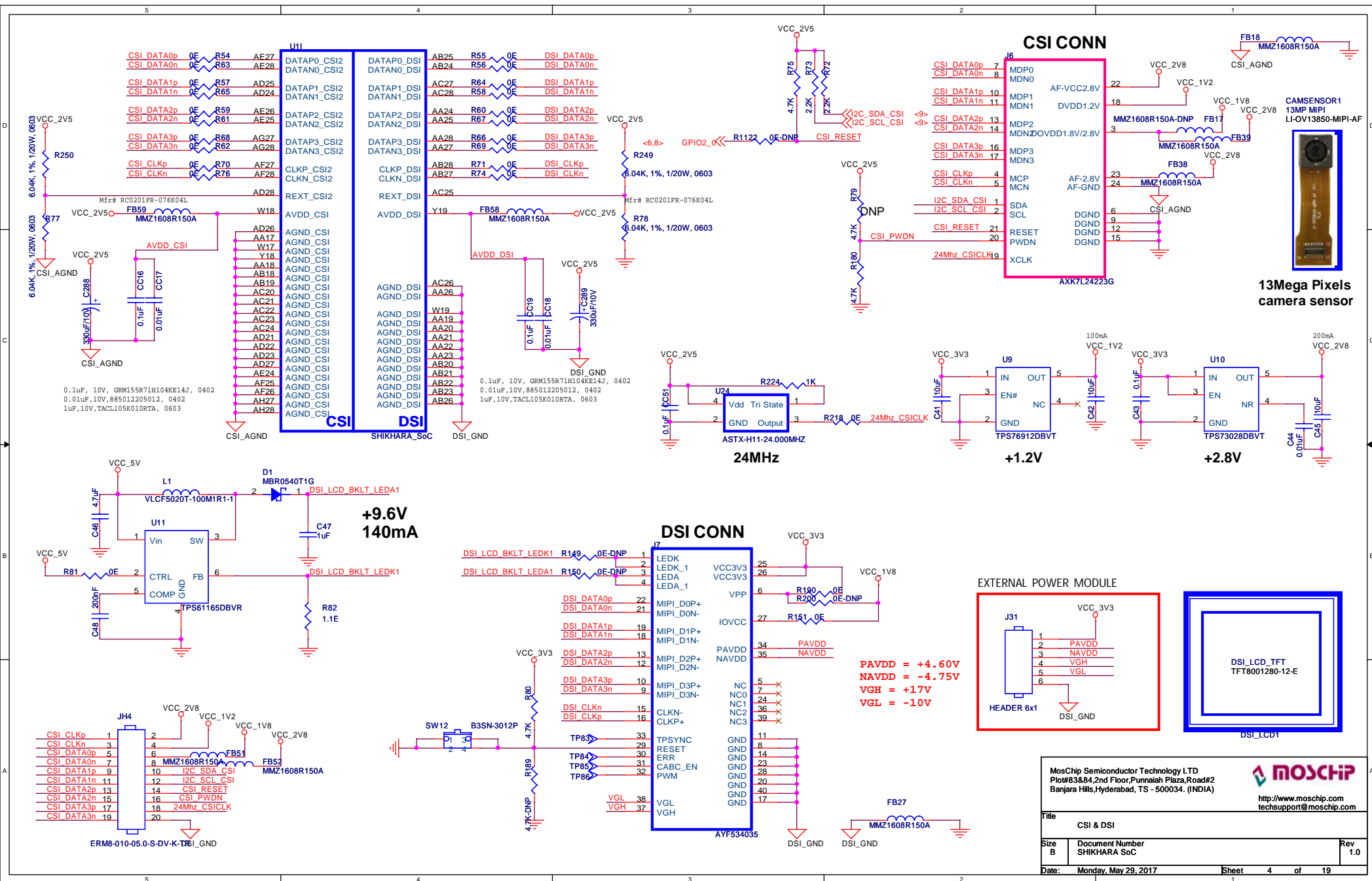


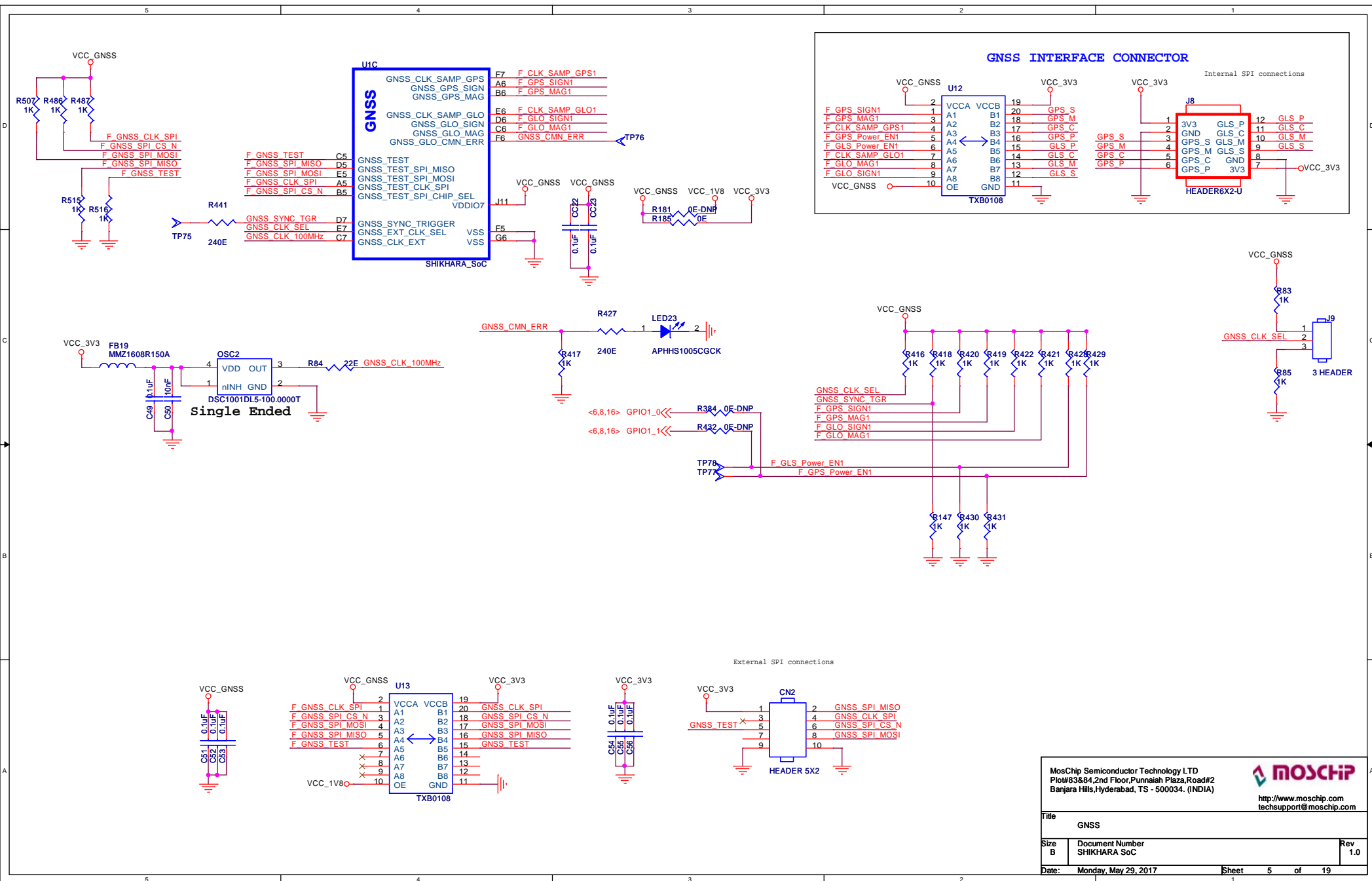
MosChip Semiconductor Technology LTD
Plot#83&84, 2nd Floor, Punnaiah Plaza, Road#2
Banjara Hills, Hyderabad, TS - 500034. (INDIA)

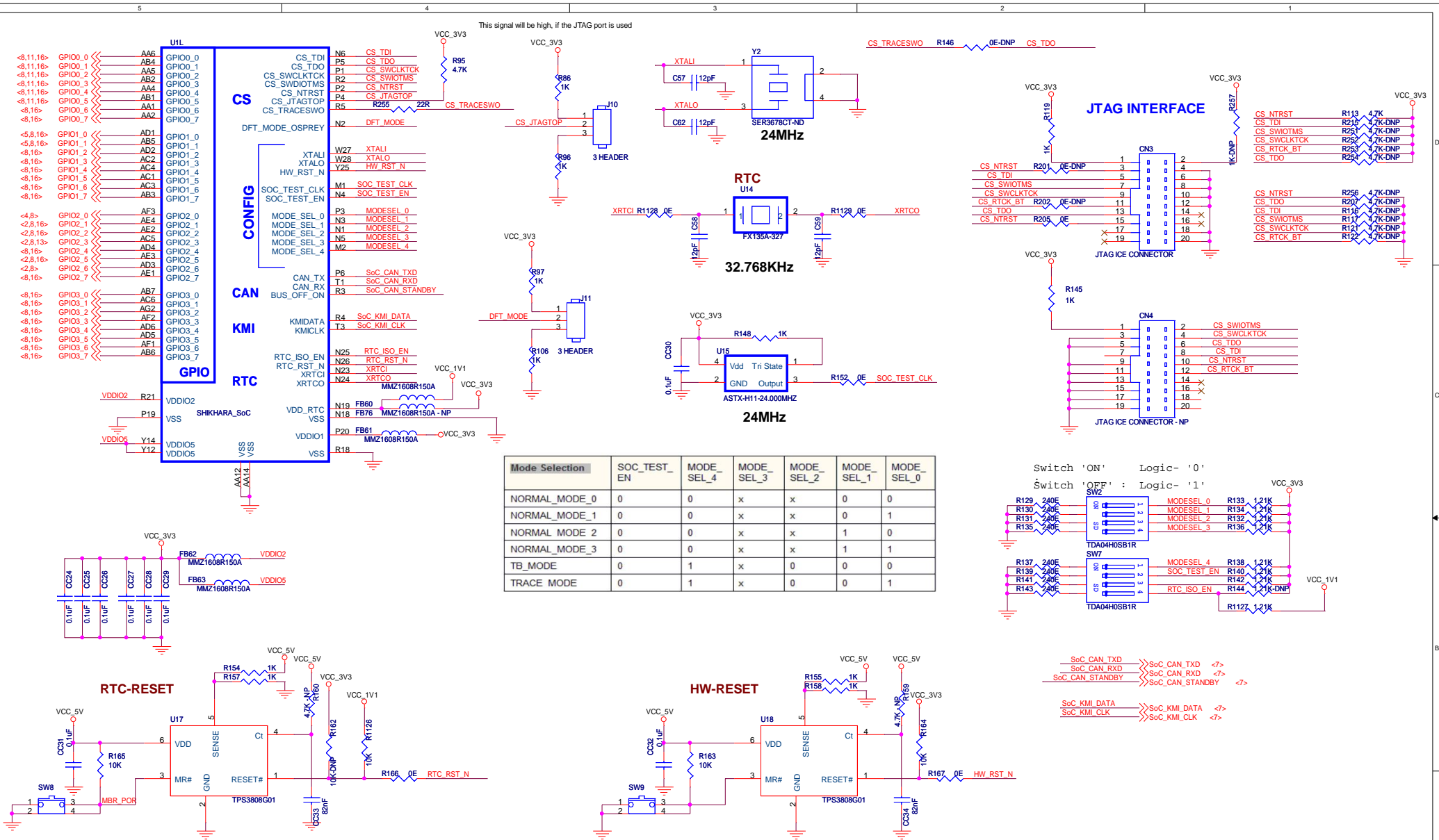
MOSCHIP
<http://www.moschip.com>
techsupport@moschip.com

Title BLOCK DIAGRAM		
Size B	Document Number SHIKHARA SoC	Rev 1.0
Date: Monday, May 29, 2017	Sheet 1	of 19

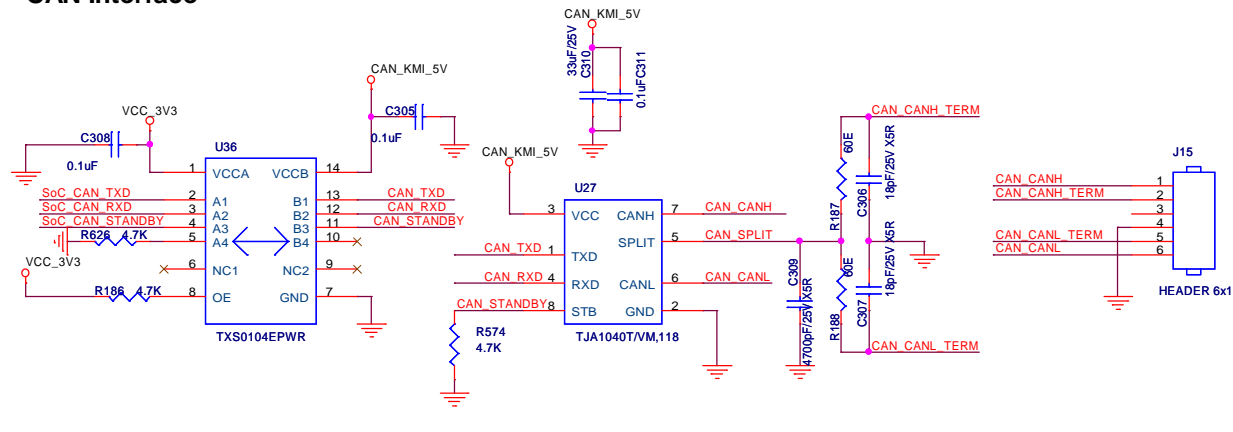






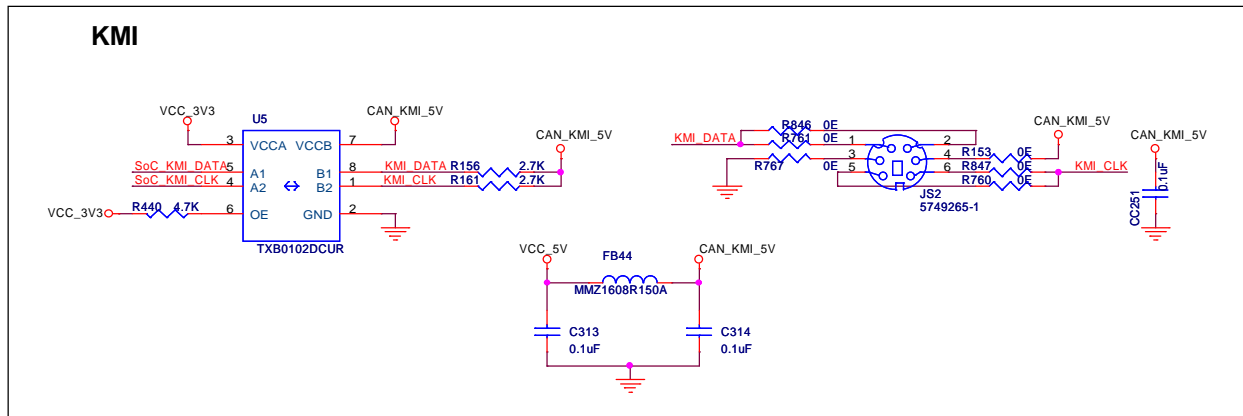


CAN Interface



SoC_CAN_TXD >>> SoC_CAN_TXD <6>
 SoC_CAN_RXD >>> SoC_CAN_RXD <6>
 SoC_CAN_STANDBY >>> SoC_CAN_STANDBY <6>

KMI

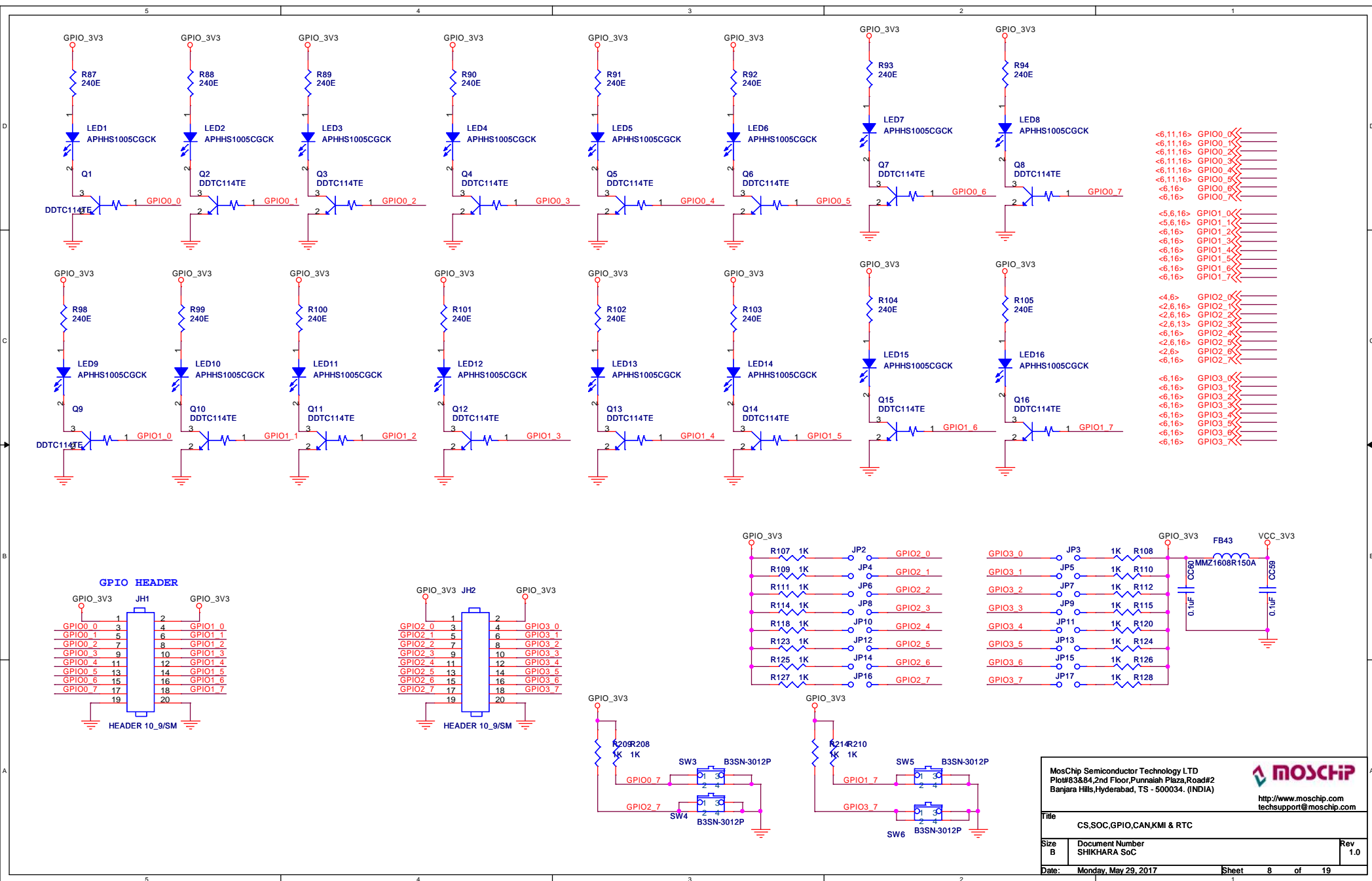


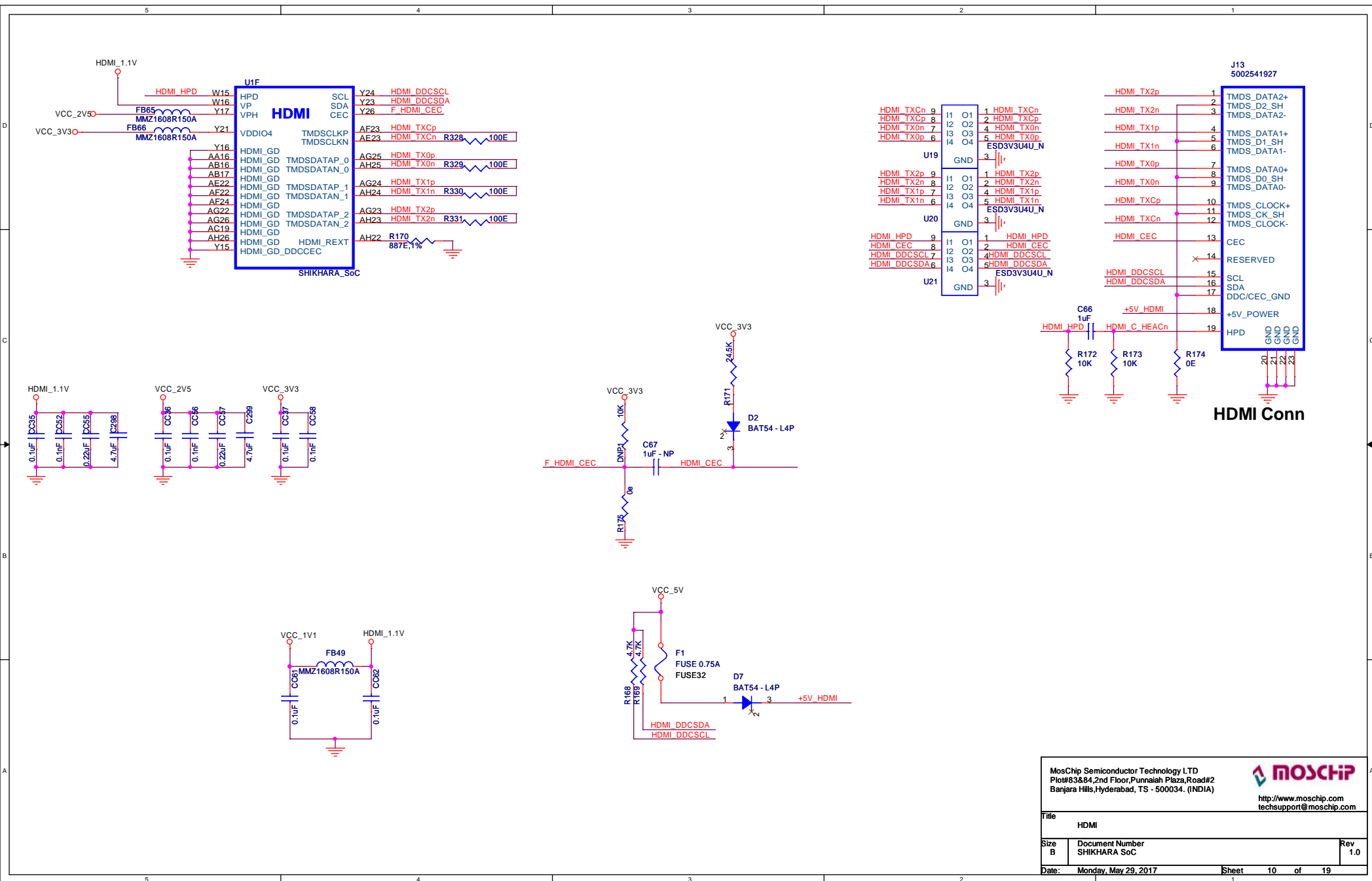
SoC_KMI_DATA >>> SoC_KMI_DATA <6>
 SoC_KMI_CLK >>> SoC_KMI_CLK <6>

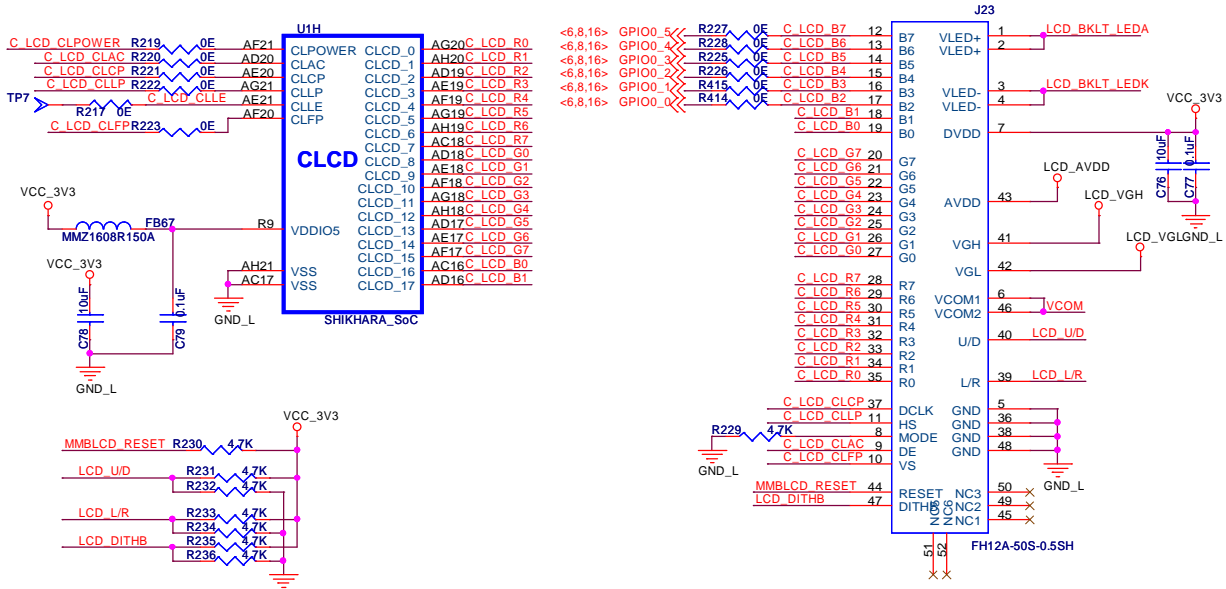
MosChip Semiconductor Technology LTD
 Plot#83&84,2nd Floor,Punnaiah Plaza,Road#2
 Banjara Hills,Hyderabad, TS - 500034. (INDIA)

MOSCHIP
<http://www.moschip.com>
techsupport@moschip.com

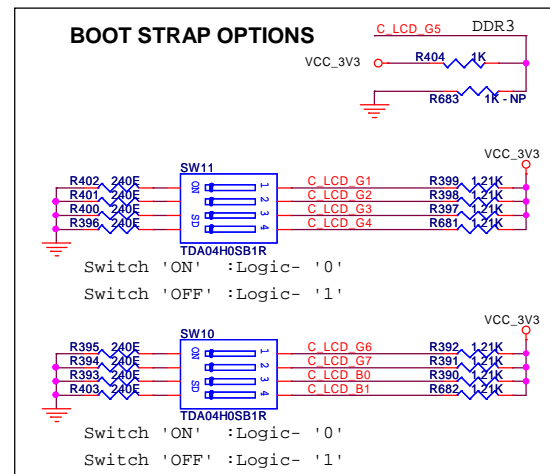
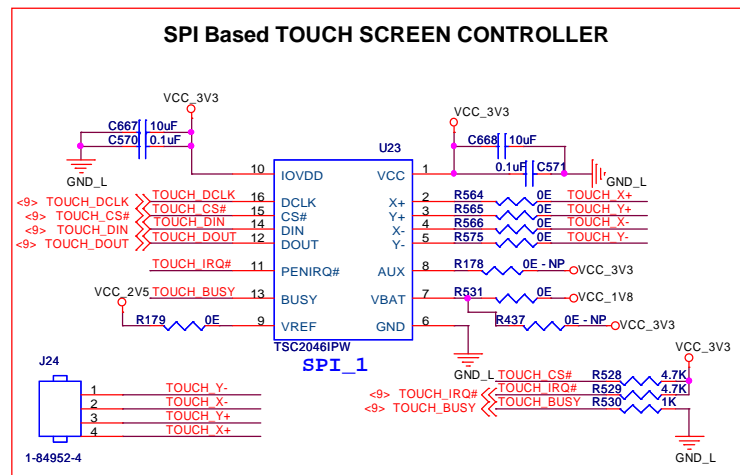
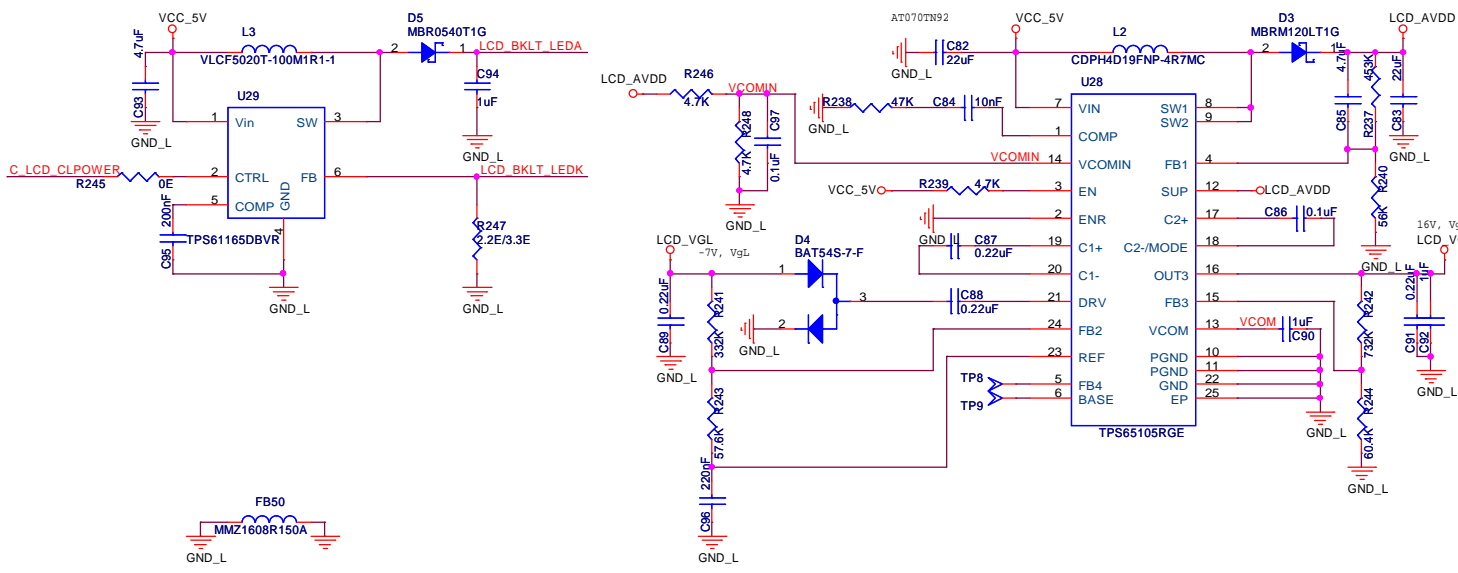
Title			CS,SOC,GPIO,CAN,KMI & RTC
Size	Document Number	Rev	
B	SHIKHARA SoC	1.0	
Date:	Monday, May 29, 2017	Sheet	7 of 19



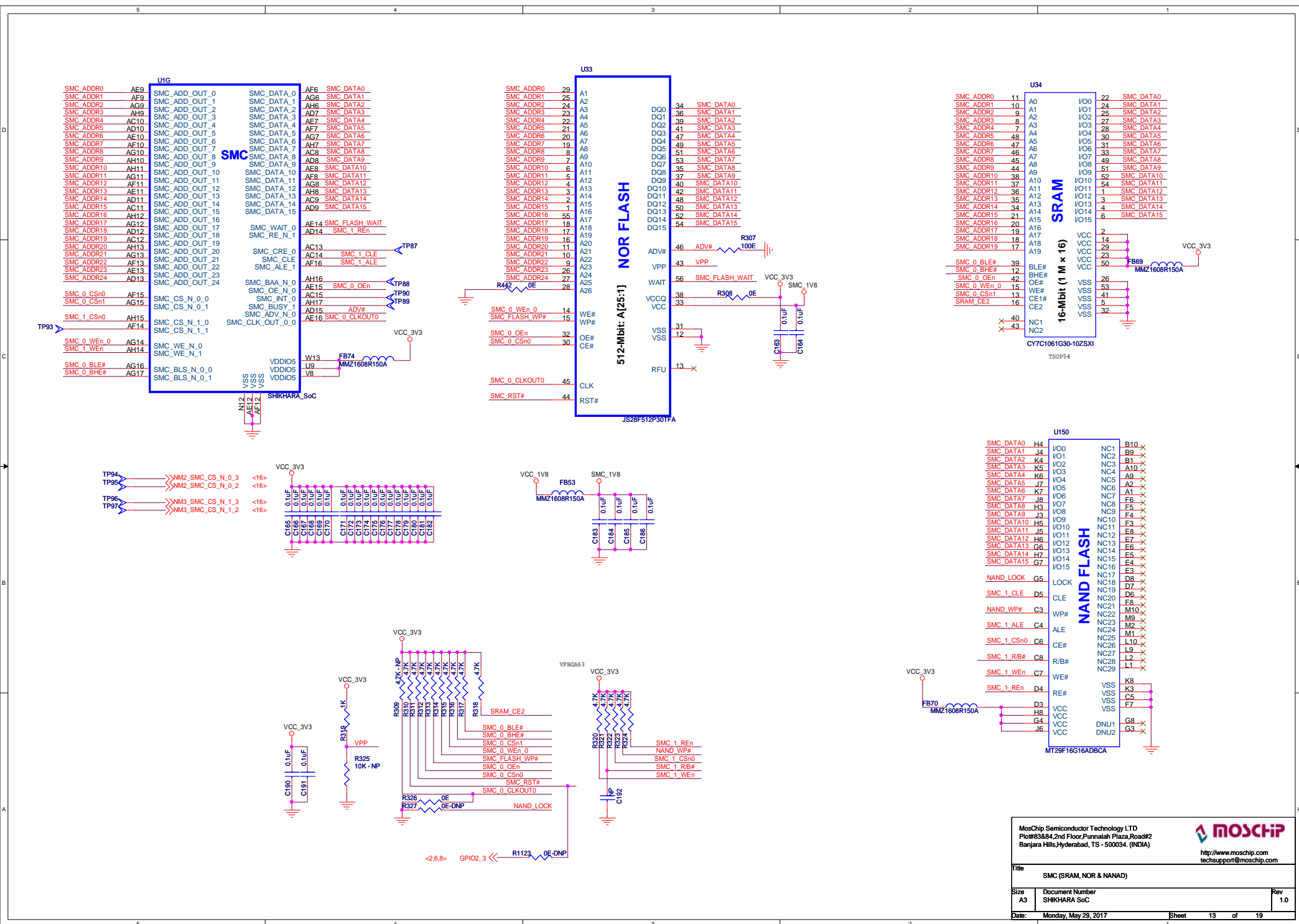


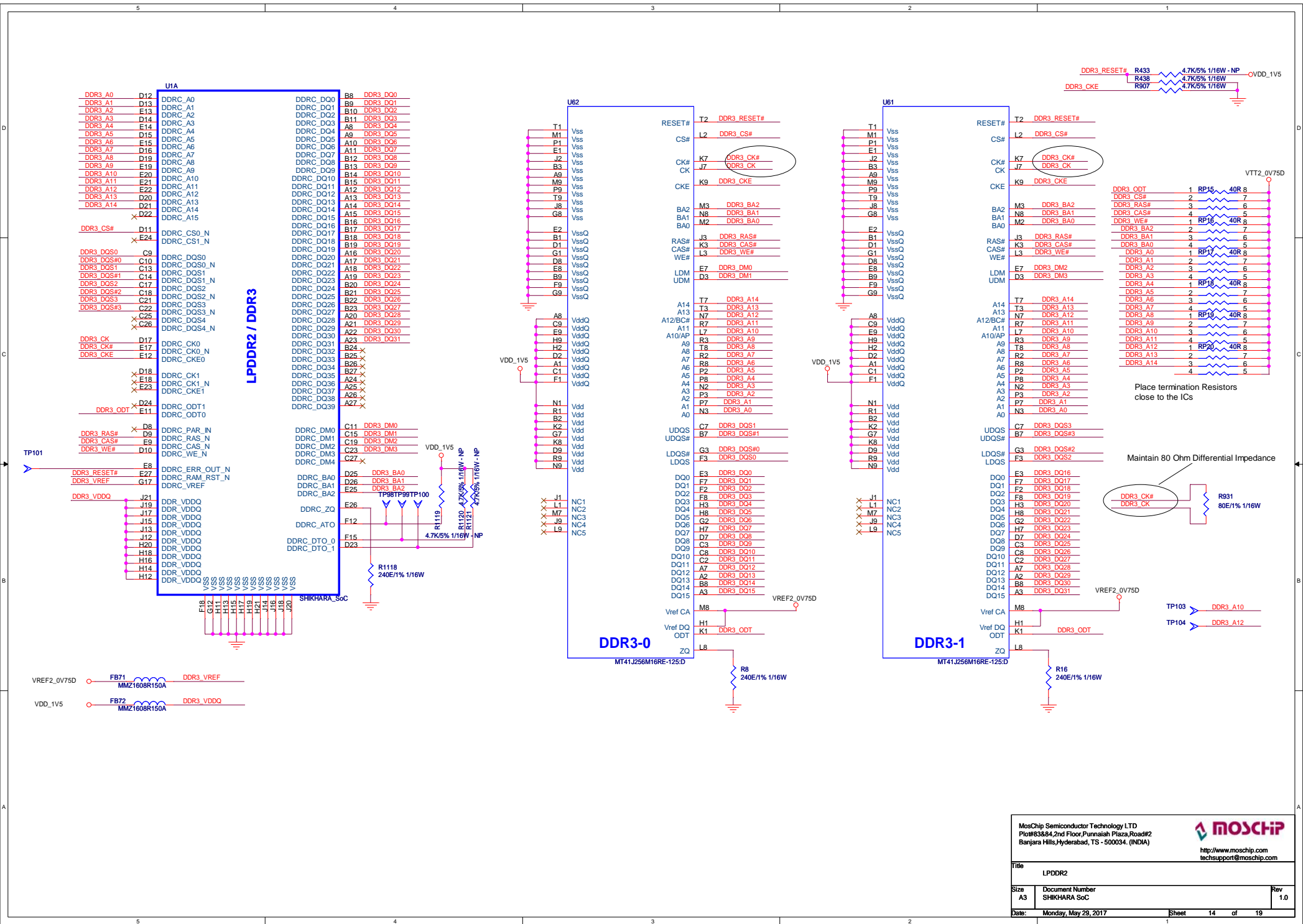


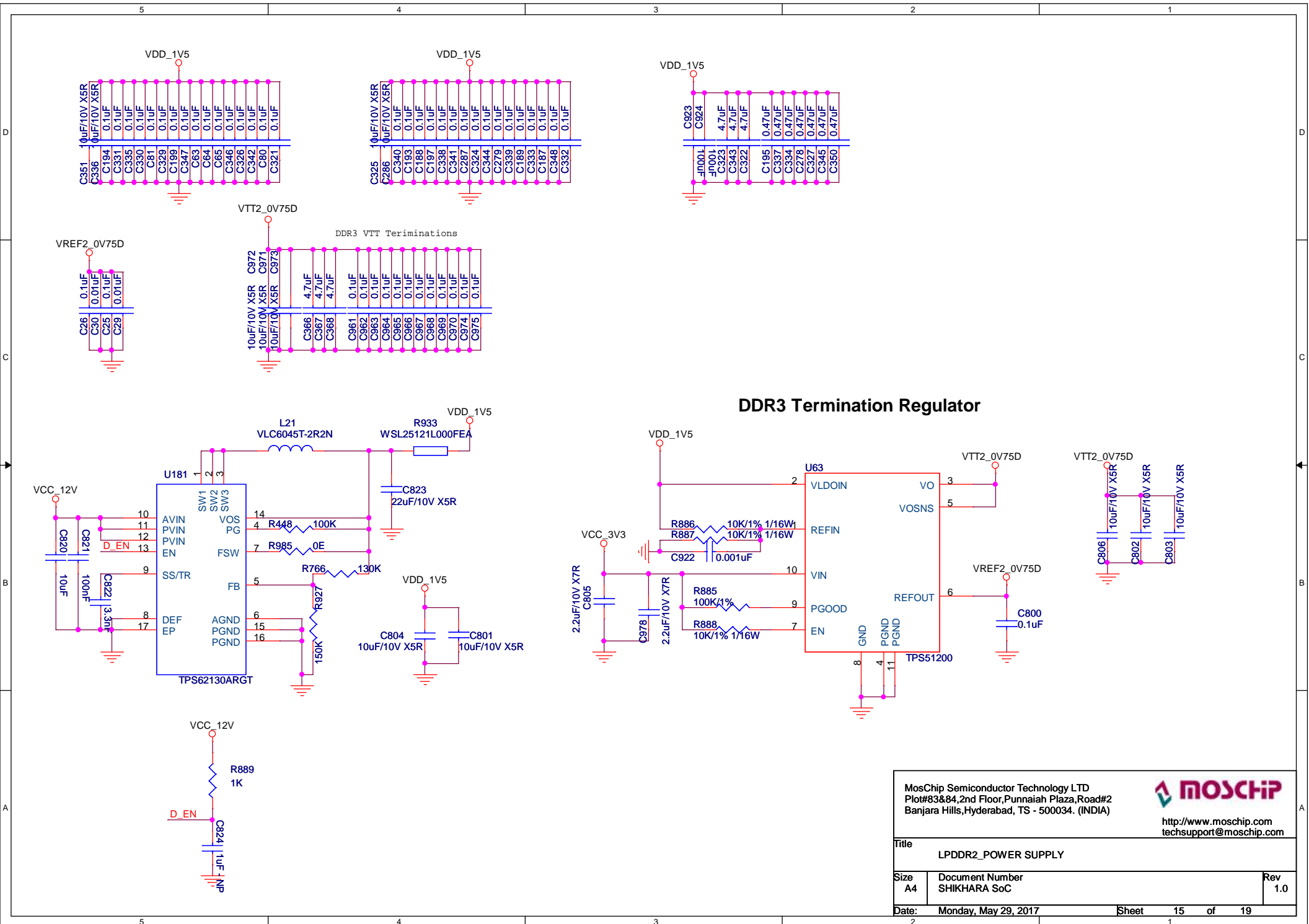
The LCD will work in 24 bit/18Bit data,
LCD PART# AT070TN92




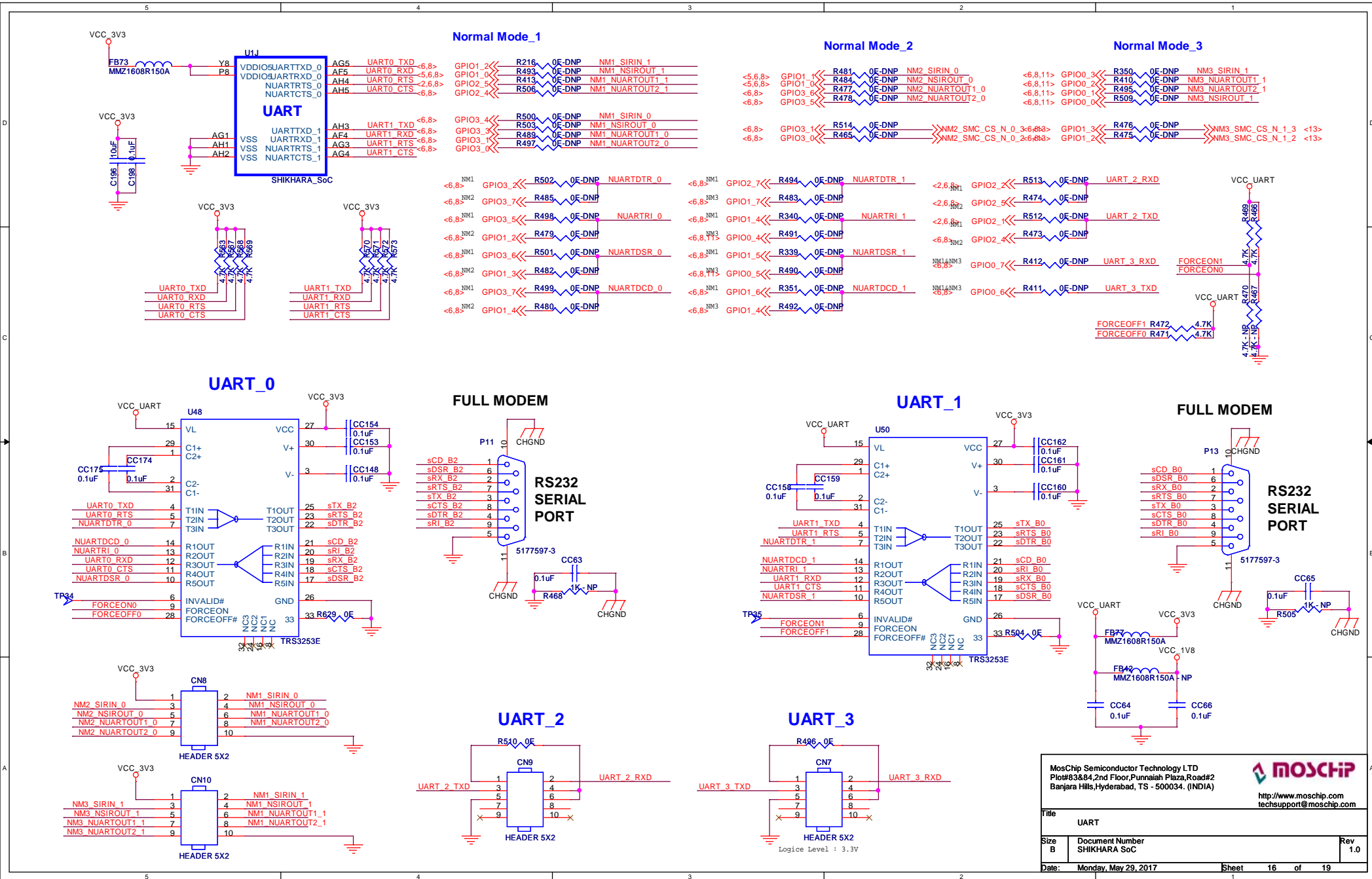
MosChip Semiconductor Technology LTD Plot#83&84,2nd Floor,Punnaiah Plaza,Road#2 Banjara Hills,Hyderabad, TS - 500034. (INDIA)				
Title CLCD			http://www.moschip.com techsupport@moschip.com	
Size	Document Number	Rev		
B	SHIKHARA SoC	1.0		
Date:	Monday, May 29, 2017	Sheet	11	of 19



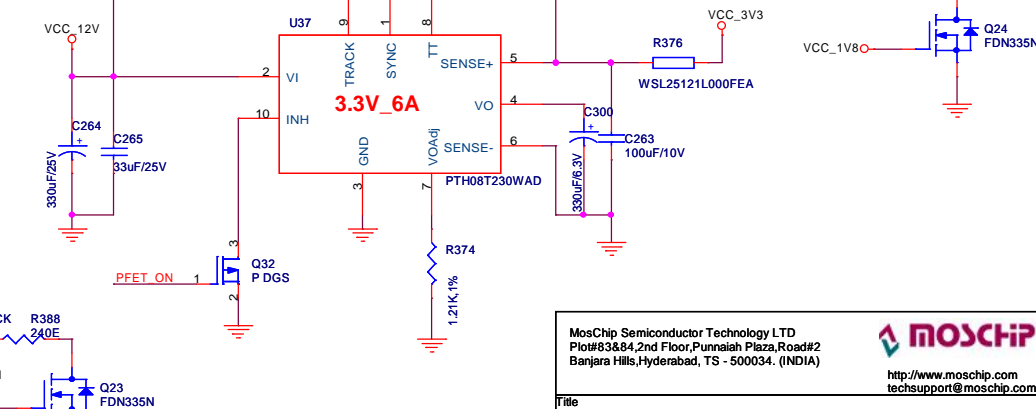
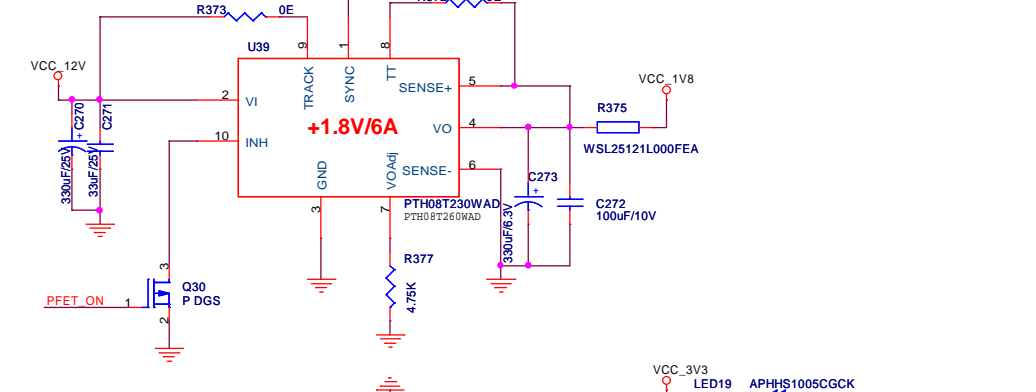
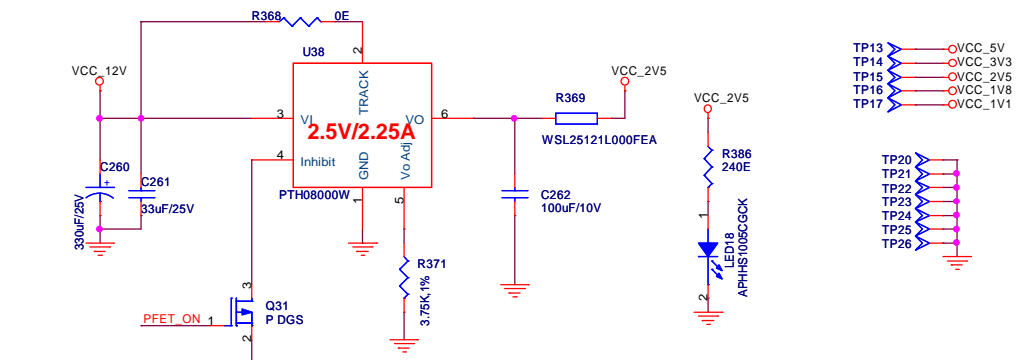
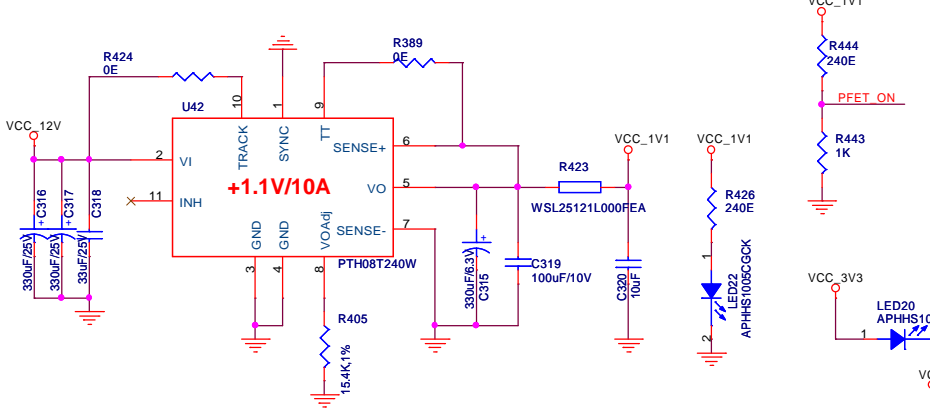
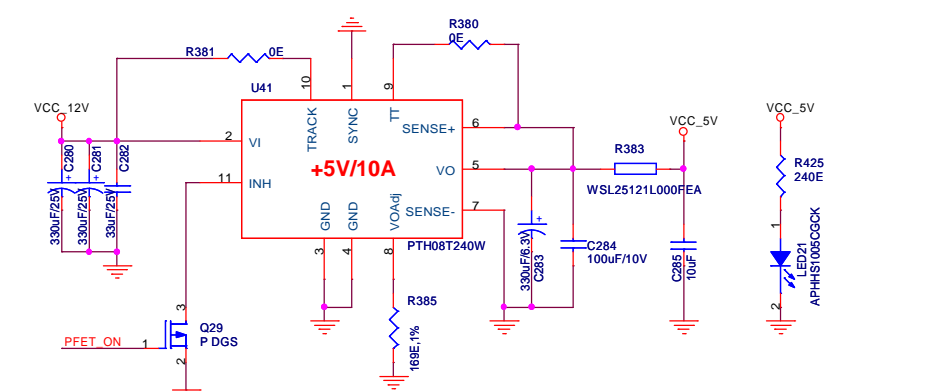
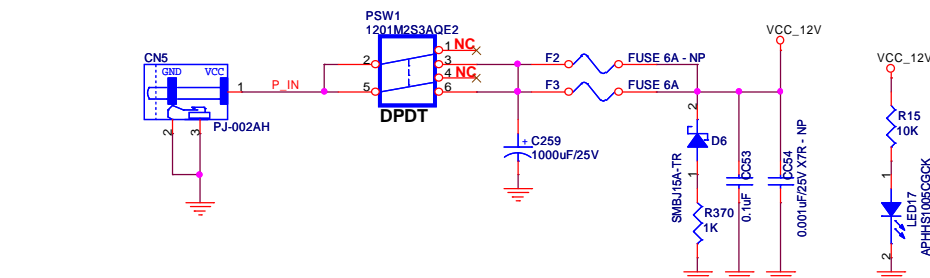




MosChip Semiconductor Technology LTD Plot#83&84,2nd Floor,Punnaiah Plaza,Road#2 Banjara Hills,Hyderabad, TS - 500034. (INDIA)				
			http://www.moschip.com techsupport@moschip.com	
Title LPDDR2_POWER SUPPLY				
Size A4	Document Number SHIKHARA SoC			Rev 1.0
Date:	Monday, May 29, 2017		Sheet	15 of 19



+12V DC INPUT



TP13: VCC_5V
TP14: VCC_3V3
TP15: VCC_2V5
TP16: VCC_1V8
TP17: VCC_1V1

TP20: LED18
TP21: APHHS1005CGCK
TP22: LED19
TP23: APHHS1005CGCK
TP24: LED20
TP25: APHHS1005CGCK
TP26: LED21

MOSCHIP Semiconductor Technology LTD Plot#83&84,2nd Floor,Punnaiah Plaza,Road#2 Banjara Hills,Hyderabad, TS - 500034. (INDIA)		
http://www.moschip.com techsupport@moschip.com		
Title: POWER SUPPLY		
Size: B	Document Number: SHIKHARA SoC	Rev: 1.0
Date: Monday, May 29, 2017	Sheet: 19	of 19