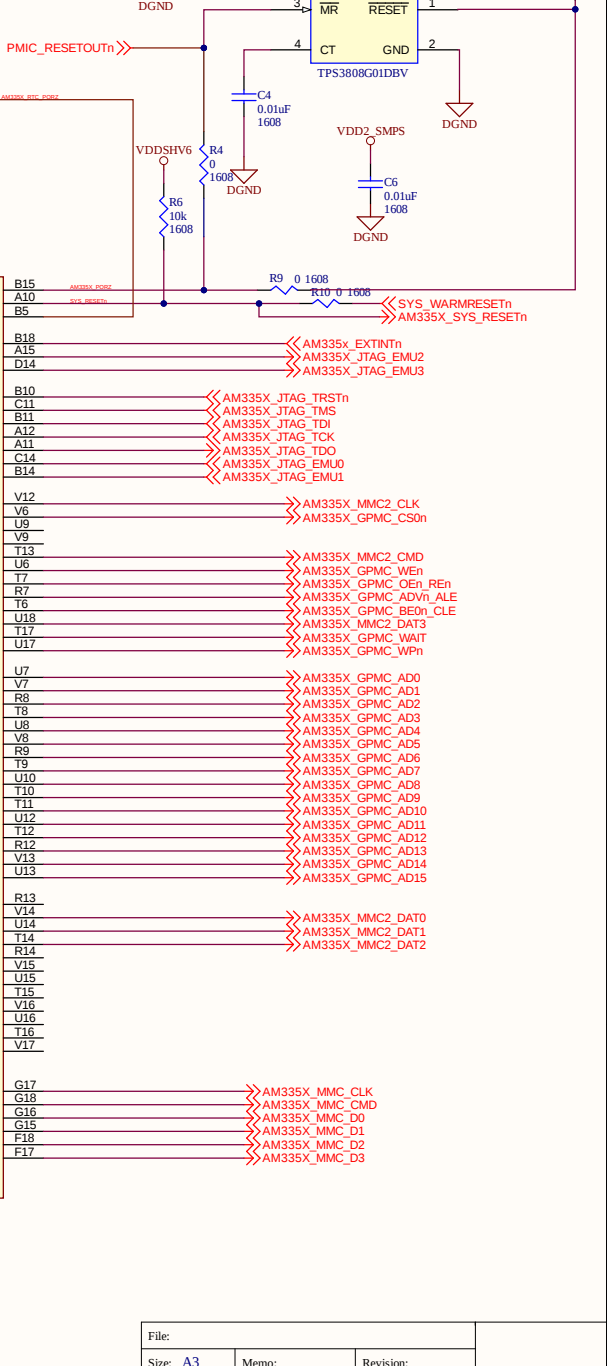


[illegible]

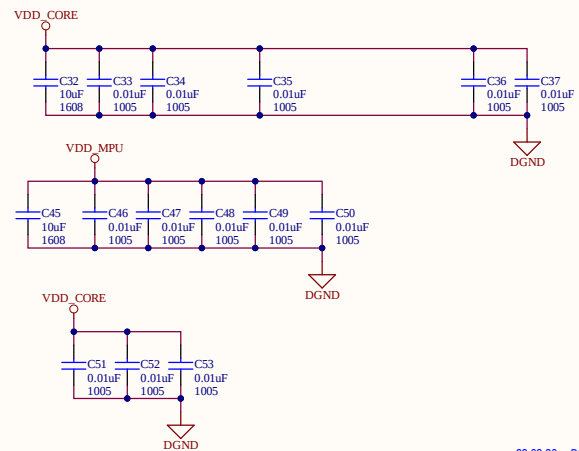
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File:		
Size: A3	Memo:	Revision:
Date:	Time:	Sheet of

A

A



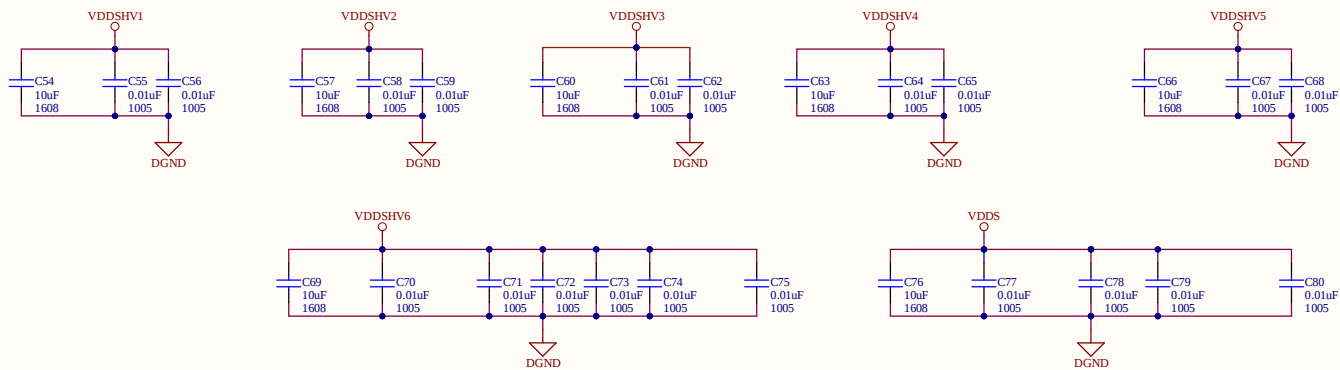
22-03-30 = BGA 바이패스는 전부 1005 변경 요청
checked

B

B

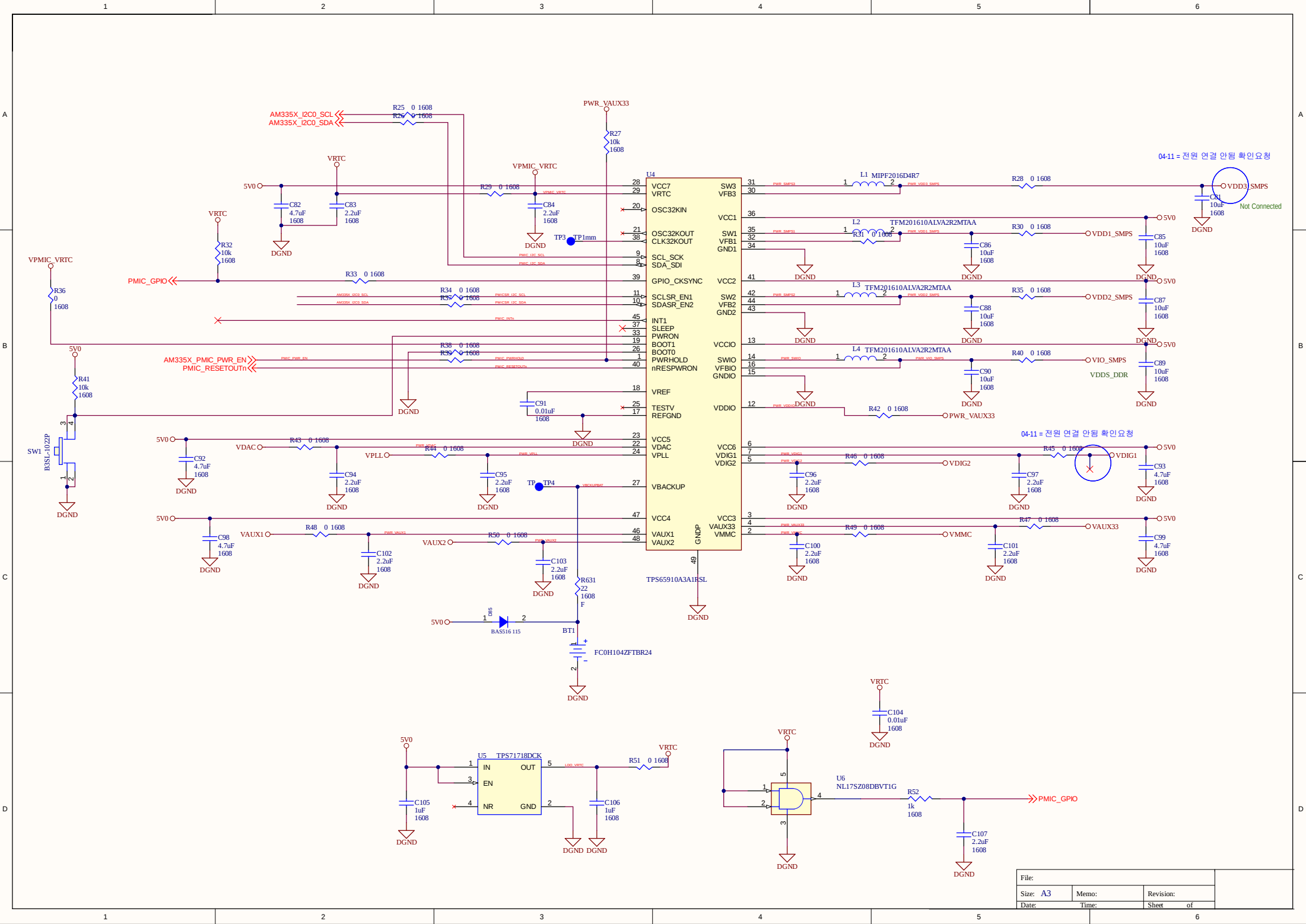
C

C



D

D



Comment	Description	Designator	Footprint	LibRef	Quantity
Super Capacitor 5.5V 0.1F	Super Capacitor 5.5V 0.1F	B1	FC50V224ZFTBR24	Battery_con3V	2
Capacitor		C1, C2, C3, C4, C5, C6, C7, C8, C11, C12, C13, C14, C15, C16, C32, C45, C54, C57, C60, C63, C66, C69, C76, C81, C82, C83, C94, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100, C101, C102, C103, C104, C105, C106, C107, C137, C140, C141, C142, C143, C144, C145, C146, C147, C148, C149, C150, C151, C152, C153, C154, C155, C156	C-1608	Capacitor	136
Capacitor		C9, C10, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C33, C34, C35, C36, C37, C46, C47, C48, C49, C50, C51, C52, C53, C56, C56, C58, C59, C61, C62, C64, C65, C67, C68, C70, C71, C72, C73, C74, C75, C77, C78, C79, C80	C-10055	Capacitor	100
=SIZE		C117, C118, C119, C120, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134	C-10055	Capacitor	34
=SIZE		C121, C135, C136	C-1608	Capacitor	6
Diode_ZENER	Diode Zener 5.1V 20mW	D1	SOD-123	Diode_ZENER	2
BASS16 115		D85	SOD-523F	DICIDE	2
150OHM800mA	Ferrite Bead 150 Ohm 800mA	F81, F82, F83, F84, F85, F86, F87, F88, F810, F811, F812, F813	L-2012	FerBead_180ohm20 0mA	24
4.7uH	Inductor 4.7uH 30% smt 0.9A	L1	L-2016	4.7uH30%0.9Aasmd	2
2.2uH	[NoValue] 2.0x1.6MM 2A 130mohm	L2, L3, L4	L-2016	2.2uHInductor10%2, 6Aasmd	6
Resistor		R1, R2, R3, R4, R5, R6, R7, R8, R11, R12, R13, R16, R17, R18, R19, R20, R21, R22, R27, R32, R41, R52, R142, R143, R144, R145, R146, R153, R166, R172, R631	R-1608	Resistor	62
Resistor_zero		R9, R10, R14, R15, R23, R25, R26, R28, R29, R30, R31, R33, R34, R35, R36, R47, R38, R39, R40, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R155, R159, R162	R-1608	Resistor_zero	64
Resistor		R24	R-1005	Resistor	2
=SIZE		R147, R148, R149, R150, R151, R152, R154, R156, R157, R158, R160, R161, R163, R164, R165, R167, R168, R169, R170, R171, R173, R174, R176, R177, R178, R179	R-1005	Resistor	52
B3SL	Switch Push Button tactile	SW1	SW-B3SL-1022P	Switch_Pushbuttons md	2
TP1mm		TP1, TP2, TP3	TP	Testpoint_SMD1mm Circle	6
TP		TP4	TP	TestPointThroughH ole	2
TP53808G01		U1	SOT-23-6	TP53808G01	2
AND Gate		U2, U6	SOT-23-5	AND Gate	4
AM33528ZCZD80		U3	FBGA- N324_15X15_P0.8	AM335x	2
TP565910		U4	QFN48_60X60P040	TP565910	2
TP571718	Low Dropout 1.8V 150mA Linear Regulator	U5	SC70-5	TP571718	2
MT41J128M16JT- 125		U10	FBGA- N96_08X14_P0.8	MT41J128M16JT- 125	2
TP551200		U11	VSON- 10_3.0X3.0P0.5	TP551200	2
SN74AVC1T45		U12	SC70-6	SN74AVC1T45	2
Crystal		Y1	XTAL-3216	Crystal	2
Crystal_4Pin	5 mm x 3.2 mm 18 pF 24.576 MHz 30 ppm 30 ppm 50 Ohms 10 uW - 40 C + 85 C	Y2	OSC-5X32	Crystal_4Pin	2