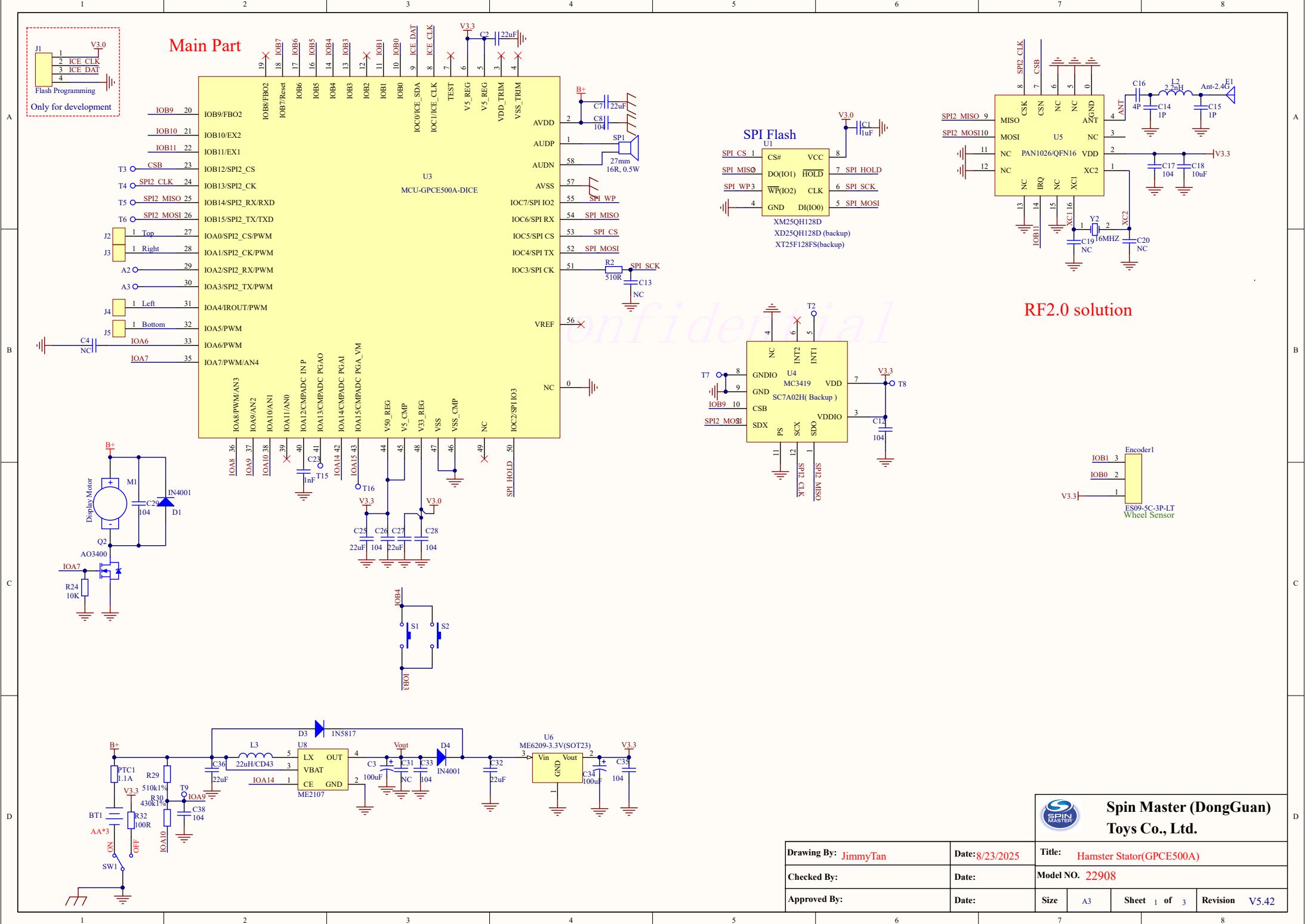
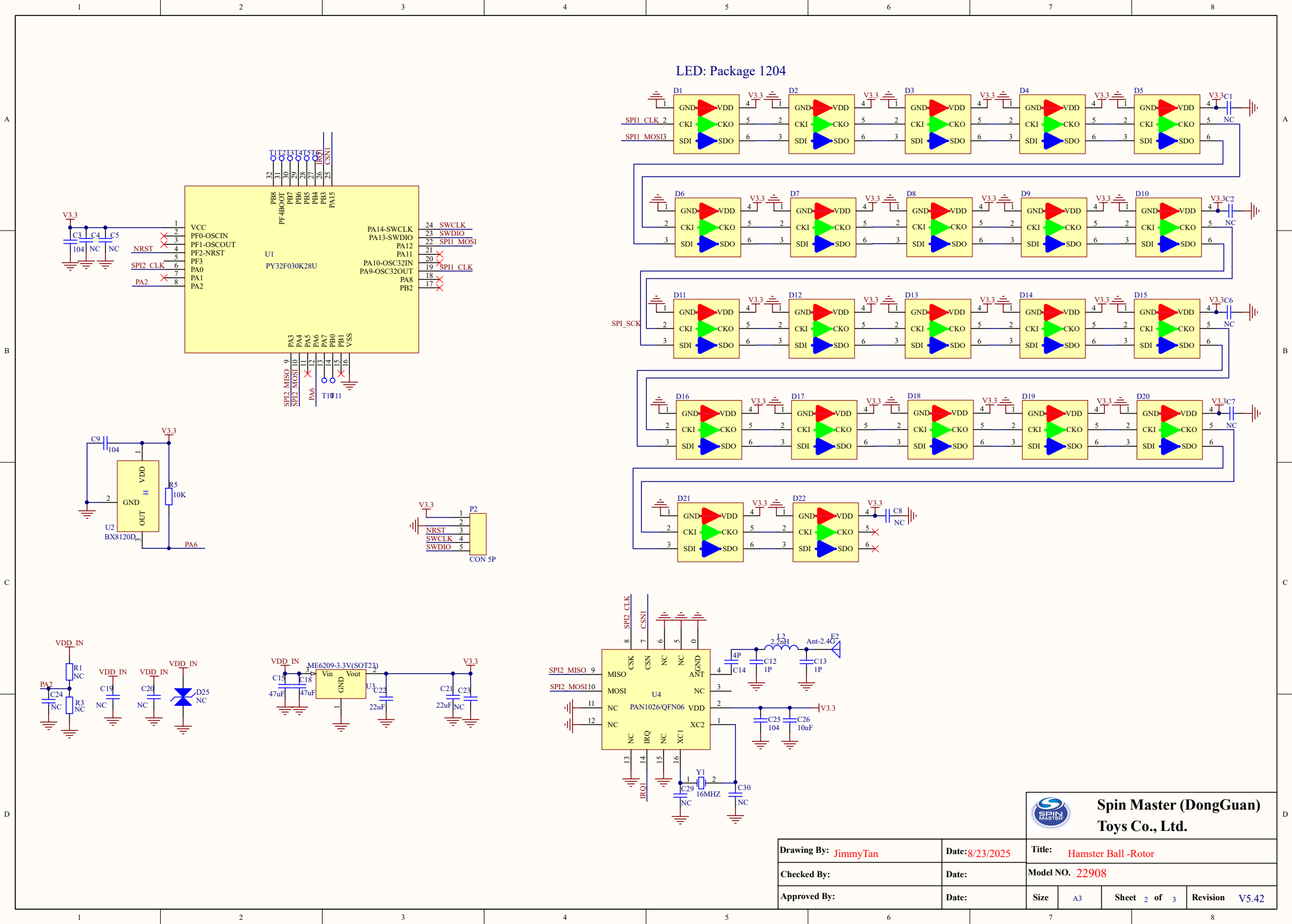






Drawing By: JimmyTan		Date: 8/23/2025	Title: Hamster Ball -Rotor			
Checked By:		Date:	Model NO. 22908			
Approved By:		Date:	Size	A3	Sheet 2 of 3	Revision V5.42



Spin Master (DongGuan)
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Hamster Revise Sheet

Version	Revise Date	Description
V5.00	2024-05-23	Original(RF2.0 solution)
V5.01	2024-06-21	Stator: 1. Revised the touch I/O(I/O A2&A3 are used for debugging and automated testing)
V5.02	2024-07-18	Rotor: 1. Removed one of the RF modules.
V5.03	2024-07-29	Rotor: 1. Added U2(Hall sensor) as an optional
V5.04	2024-08-07	Stator: 1.Front switch changed to 2 from 3 2. DC/DC changed to ME2107 from MT3608; 3.Added 2 SPI Models as backups
V5.05	2024-08-15	Stator: 1. Changed the pin2 of U2 connected to B+ from V5.0
V5.06	2024-08-20	Stator: 1. DC/DC changed back to MT3608; 2.Added Q3,R8,R9,R10 Rotor: 1. C24 changed to NC
V5.07	2024-08-30	Stator: 1. Removed C21, C22 2. R17 changed to NC Rotor: 1. C24 changed to 104
V5.08	2024-09-03	Stator: 1. R3,R4,R5,R6 changed to 0R
V5.09	2024-09-05	Stator: 1. R3,R4 changed back to 510K 2.Added C3
V5.10	2024-09-09	Stator: 1. R3,R4 changed back to 0R 2. DC/DC changed to ME2107 from MT3608;
V5.11	2024-09-10	Stator: 1. R3,R4 ,R11changed to NC and R12 changed to 0R;
V5.12	2024-09-12	Only for EP1 samples
V5.21	2024-09-13	For EP2 circuit diagram
V5.22	2024-09-19	Stator: 1.C3 and C34 changed to E.Cap(100uF)
V5.23	2024-09-20	Rotor: 1.Removed R2 and IR TX ;
V5.24	2024-09-25	Stator: SPI Flash is changed from 64M to 128M.
V5.28	2024-10-08	Stator/Rotor: IR changed to Hall sensor
V5.30	2024-10-17	For FEP circuit diagram
V5.35	2024-11-01	1.For FEP circuit diagram 2. To keep the same version with PCB layout
V5.42	2025-08-19	Stator: 1.R2 was changed from 100R to 510R and C13 changed to NC



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Approved By:		Date:		Size	A3
				Sheet	3 of 3
				Revision	V5.42