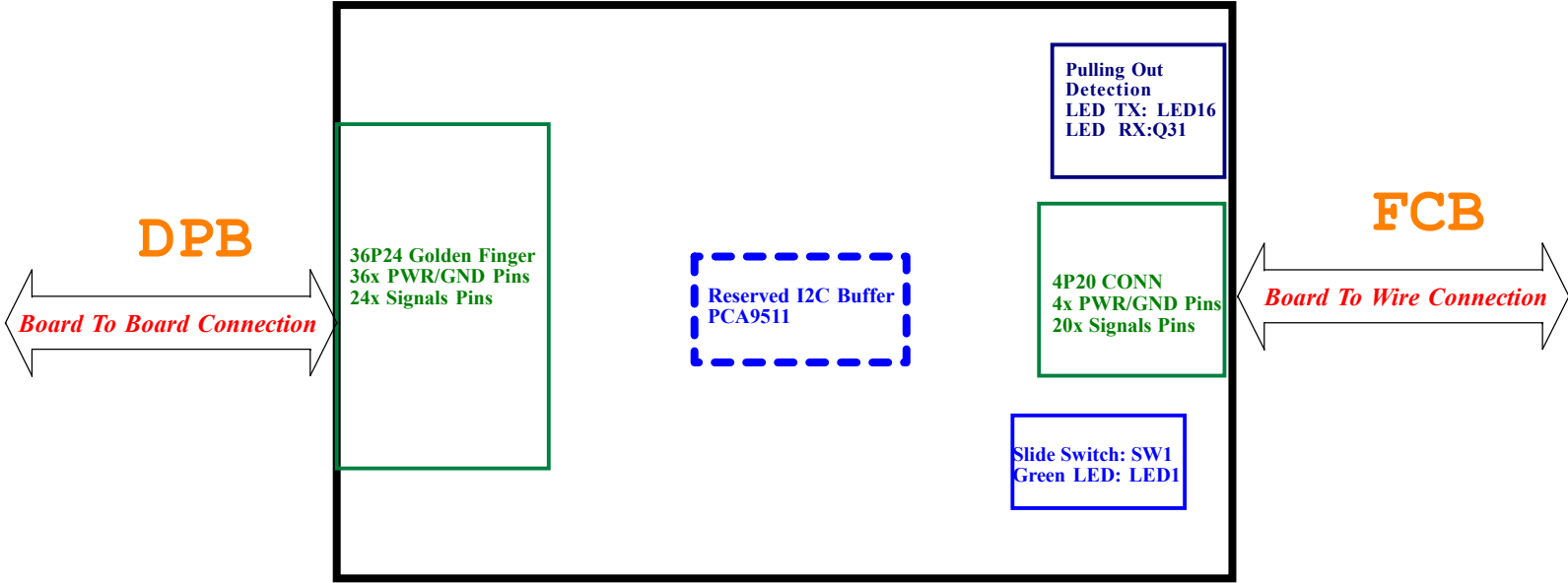


POWER TRANSITION BOARD



PIN Definition

Golden Finger To DPB

Pin	Pin name	Type
S1	GND	GND
S2	3.3V	PWR
S3	3.3V	PWR
S4	PEER_TRAY_PRESENT	H/L
S5	PWM_EXP_B	PWM
S6	SELF_TRAY_PRESENT	H/L
S7	PWM_EXP_A	PWM
S8	GND	GND
S9	I2C_C_SDA	PWM
S10	GND	GND
S11	I2C_C_SCL	PWM
S12	GND	GND
S13	GND	GND
S14	SELF_1A&2A_HB	H/L
S15	SELF_1B&2B_HB	H/L
S16	TRAY_ID	H/L
S17	FCB_HW_REV	H/L
S18	SD_LATCH_RELEASE	H/L
S19	GND	GND
S20	PEER_1A&2A_HB	H/L
S21	PEER_1B&2B_HB	H/L
S22	GND	GND
S23	GND	GND
S24	5VA	PWR

4P20S To FCB

Pin	Pin name	Type
A1	I2C_C_SDA	PWM
A2	GND	GND
A3	I2C_C_SCL	PWM
A4	GND	GND
A5	PWM_1B/2B	PWM
B1	GND	GND
B2	PWM_1A/2A	PWM
B3	GND	GND
B4	SELF_1B&2B_HB	H/L
B5	GND	GND
C1	TPS2490_EN1	H/L
C2	TPS2490_EN2	H/L
C3	SELF_1A&2A_HB	H/L
C4	PEER_1A&2A_HB	H/L
C5	PEER_1B&2B_HB	H/L
D1	PEER_TRAY_PRESENT	H/L
D2	TRAY_ID	H/L
D3	FCB_HW_REV	H/L
D4	SD_LATCH_RELEASE	H/L
D5	SELF_TRAY_PRESENT	H/L

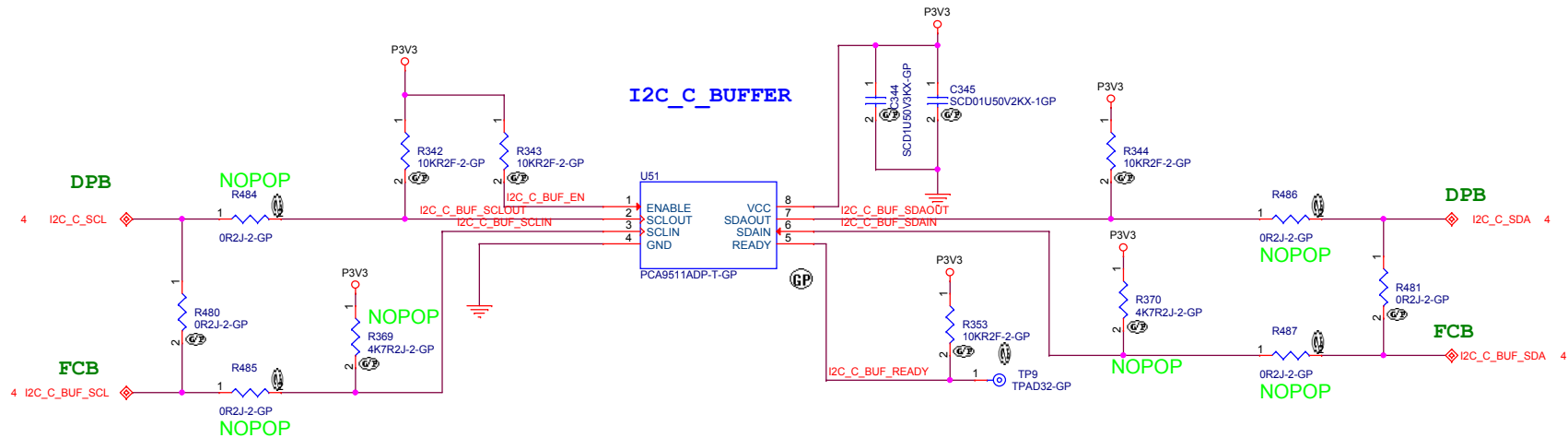
DY=Dummy parts
=not populated

SCD1U10V2KX-5GP
D1U = 0.1uF (2D2U means 2.2uF)
10Voltage (6D3V means 6.3V)
2 = size 0402, K tolerance
K=tolerance
[C code as below:]
G=2%
J=5%
K=10%
M=20%
X=temp characteristics
[C Series/Temp]
N=NPO
X=X7R/X5R
Y=Y5V
-5=different symbol/customer
GP= Green Part (RoHS)

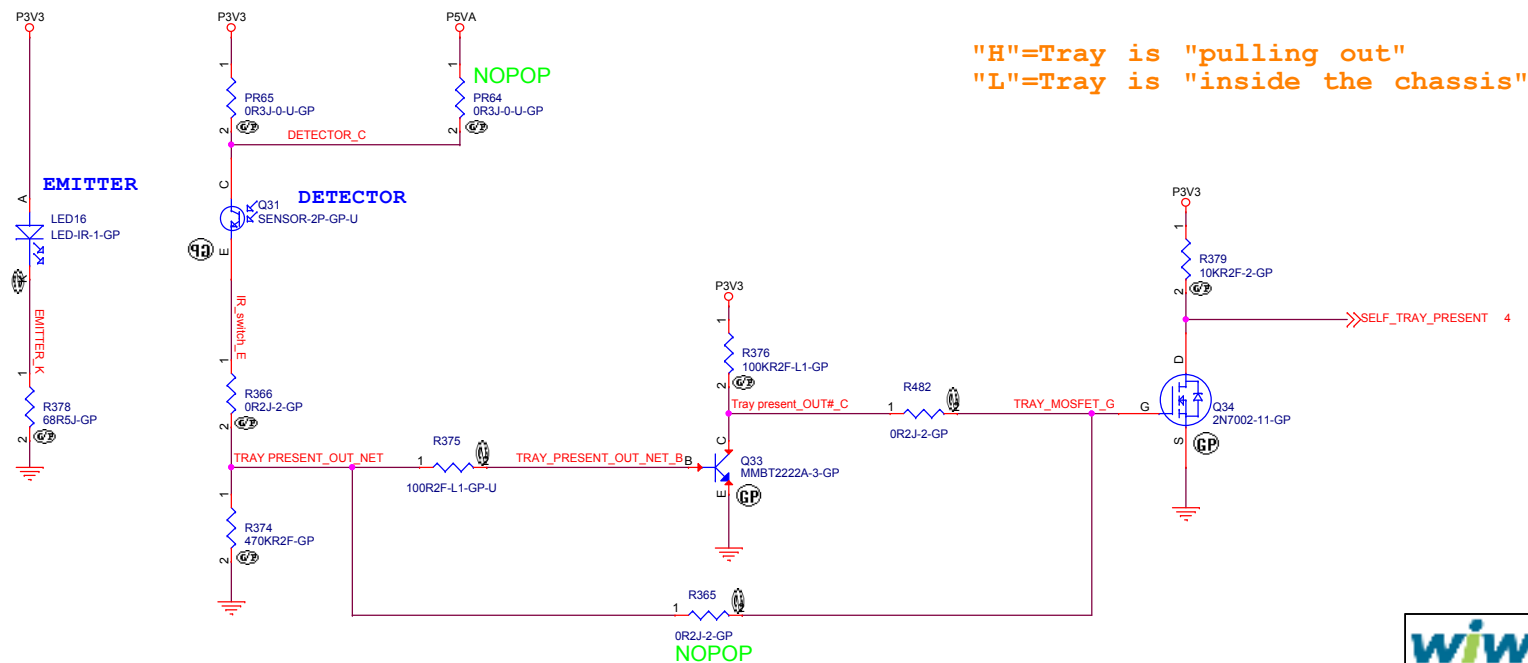
562R2F- GP
562 = 562 ohm, (2K2R means 2.2K ohm)
2 = size 0402
F = 1% tolerance
GP= Green Part (RoHS)
RC size code as below:
1 = 0201
2 = 0402
3 = 0603
5 = 0805
6 = 1206
R tolerance code as below:
D=0.5%
F= 1%
J= 5%

24 Pins PWR/GND

Pin	Pin name	Type	Pin	Pin name	Type
P1	12.5V	PWR	P9	GND	GND
P2	12.5V	PWR	P10	GND	GND
P3	12.5V	PWR	P11	GND	GND
P4	12.5V	PWR	P12	GND	GND
P5	12.5V	PWR	P13	GND	GND
P6	12.5V	PWR	P14	GND	GND
P7	12.5V	PWR	P15	GND	GND
P8	12.5V	PWR	P16	GND	GND
P19	GND	GND	P17	GND	GND
P20	GND	GND	P18	GND	GND
P21	GND	GND	P29	12.5V	PWR
P22	GND	GND	P30	12.5V	PWR
P23	GND	GND	P31	12.5V	PWR
P24	GND	GND	P32	12.5V	PWR
P25	GND	GND	P33	12.5V	PWR
P26	GND	GND	P34	12.5V	PWR
P27	GND	GND	P35	12.5V	PWR
P28	GND	GND	P36	12.5V	PWR

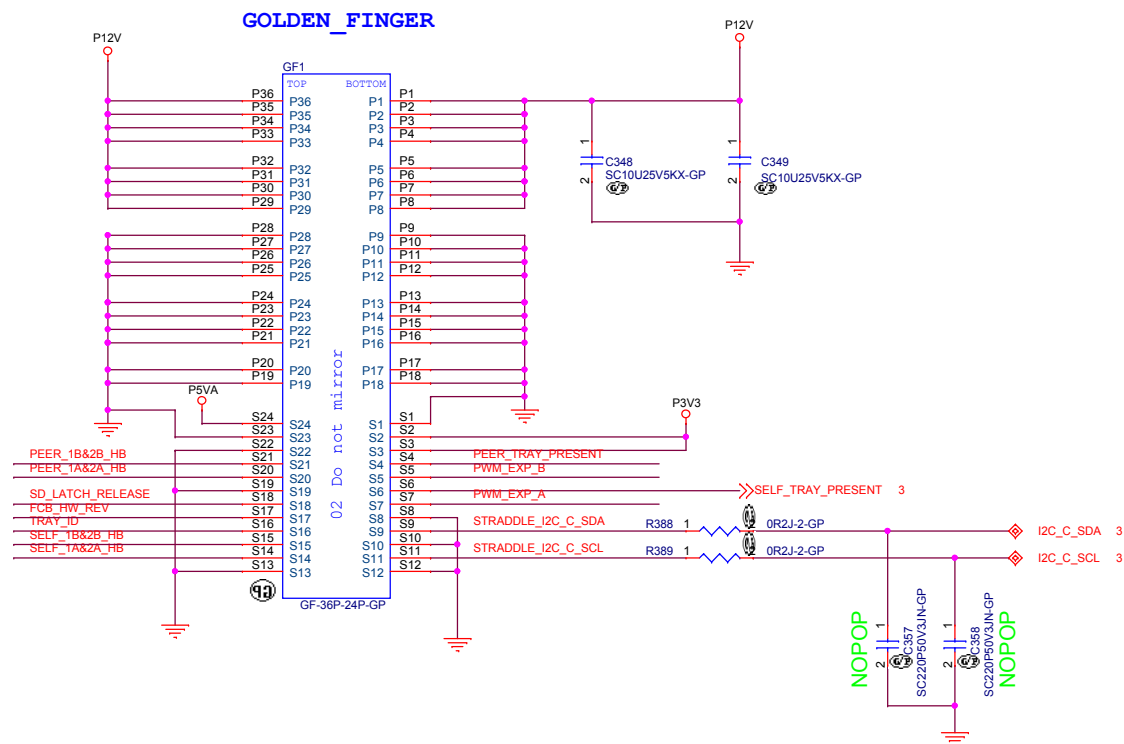
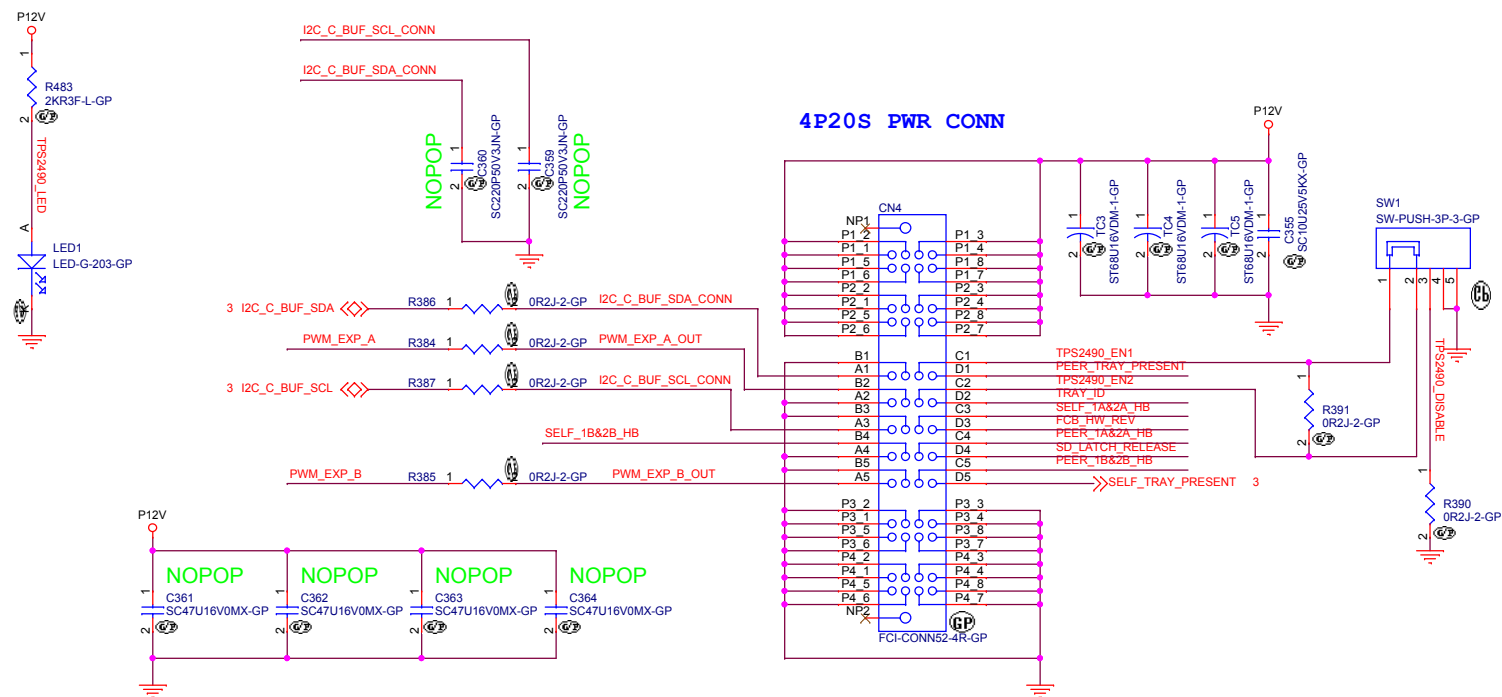


PULLING OUT DETECTION



"H"=Tray is "pulling out"
 "L"=Tray is "inside the chassis"

SCREW HOLDS



BLANK