



 Solder Area
 Keep Out Area
 Component Outline
 RECOMMENDED P.C.B. LAYOUT (TOP VIEW)
 TOLERANCE UNSPECIFIED ±0.05mm

No.		Pin Assignment				
		SD MODE		UHS II MODE		SD EXPRESS MODE
P1			VSS3	SUPPLY VOLTAGE GROUND	VSS3	SUPPLY VOLTAGE GROUND
P2				RESERVED AHEAD FOR FUTURE PMD EXTENSION		
P3	DMA2	DATA LINE B12		CLOCK#	CLOCK#	REFERENCE CLOCK REQUEST SIGNAL ALSO USED BY U1 PM SUB-STATES
P4			DO+	DIFFERENTIAL DATA 0+	PCLK TX+	
P5	CD/DMA3	CARD DETECT/DATA LINE B12Z	DO-	NOT USED	PCLK#	PC-RESET IS A FUNCTIONAL RESET
P6				DIFFERENTIAL DATA 0-	PCLK TX-	
P7	CD	COMMAND/RESPONSE		NOT USED		NOT USED
P8	CD	CARD DETECT	CD	CARD DETECT	CD	CARD DETECT
P9	VSS1	SUPPLY VOLTAGE GROUND	VSS1	SUPPLY VOLTAGE GROUND	VSS1	SUPPLY VOLTAGE GROUND
P10			VSS4	SUPPLY VOLTAGE GROUND	VSS4	SUPPLY VOLTAGE GROUND
P11			V002	SUPPLY VOLTAGE (1.8V)	V002	SUPPLY VOLTAGE (1.8V)
P12	V00	SUPPLY VOLTAGE	V001	SUPPLY VOLTAGE (3.3V)	V001	SUPPLY VOLTAGE (3.3V)
P13			D1-	DIFFERENTIAL DATA 1-		
P14				DIFFERENTIAL DATA 1+	PCLK RX-	
P15	CLK	CLOCK		NOT USED		NOT USED
P16	VSS2	SUPPLY VOLTAGE GROUND	D1+	DIFFERENTIAL DATA 1+	PCLK RX+	
P17			VSS2	SUPPLY VOLTAGE GROUND	VSS2	SUPPLY VOLTAGE GROUND
P18	D10	DATA LINE B10	RECLK+	SUPPLY VOLTAGE GROUND	RECLK+	PCLK REF CLOCK
P19						
P20	D11	DATA LINE B11	RECLK-		V002	SUPPLY VOLTAGE
P21	WP	WRITE PROTECT	WP	WRITE PROTECT	RECLK-	(1/20) REF CLOCK
					WP	WRITE PROTECT

C	SHELL	1	SUS304 0.20t	1" MIN GOLD PLATED ON SOLDER 50" MIN IN PLATED OVERALL
B	CONTACT	21	C5210 0.15t	1" MIN GOLD Plated On Contact Area 80" MIN Tin Plated on Solder 50" MIN IN Underplated
A	HOUSING	1	LCP U94-W0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES		TITLE: SD CARD 7.0tBc SMT板上3.0H 常开型		
DECIMALS:	ANGLES:	PART NO. 1082101AR003		
X :±0.5	X :±2°	DWN	ZHAKRO	2021.08.11
X.X :±0.3	X.X :±1°	CHKD		
X.XX :±0.2		APVD		
CUSTOMER COPY		SCALE 1:1	UNIT: mm	
		SIZE: A4	SHEET: 10F1	REV: A