
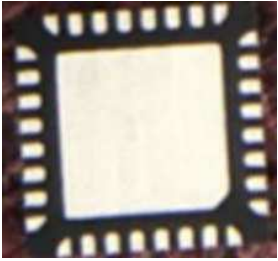
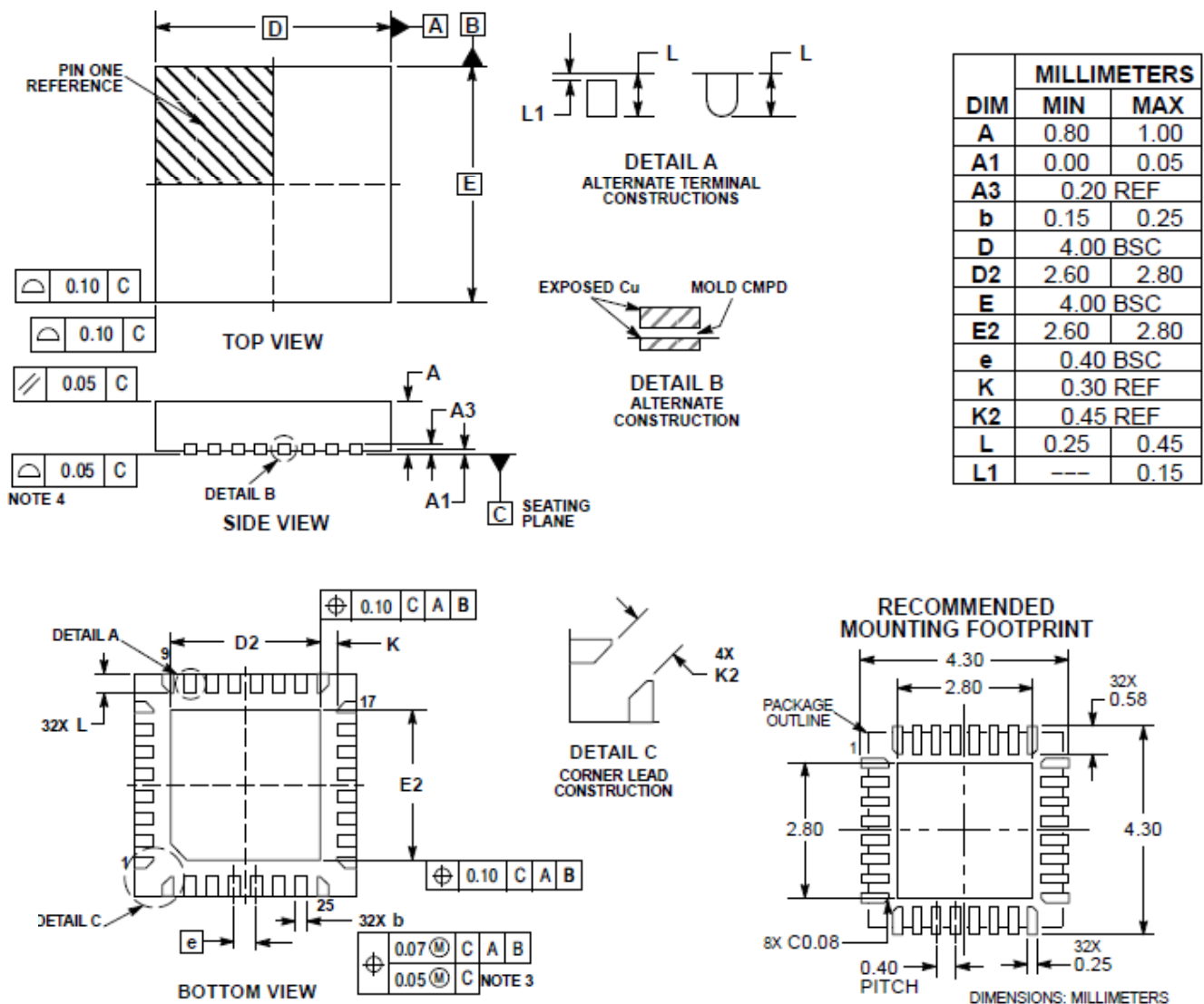


IQC 檢驗重點

料號	10TA1-084549-00R	品名規格	BUS SWI IC NCP45491XMNTWG ON SMD QFN32
零件樣品圖：		外觀文字面檢驗重點：	
 		<p>1. ON Logo(不可變)</p> <p>2. 45491: Specific Device Code(不可變)</p> <p>3. G:Assembly Location(不可變)</p> <p>A:WAFER LOT(可變)</p> <p>1:YEAR(可變)</p> <p>M:WORK WEEK(可變)</p> <p>4. THAI:Country of Assembly(不可變)</p> <p>5. PIN1點：(不可變)</p> <p>6. 點：Pb-Free Package(點數不可變，位置可變)</p>	

機構尺寸工程圖：



IQC電氣、機構檢驗重點：

1. 量測各部尺寸須與規格值相符。
2. 檢視產品外觀，表面無異物，且不得有任何破損及變形。
3. 電氣特性檢驗：

Parameter	Symbol	Min	Typ	Max	Unit
Multiplexer Settling Time (to 9.375 mV)	T_{STAB1}			100	ns
Multiplexer Settling Time (to 3.125 mV)	T_{STAB2}			300	ns
MUX_SEL Period (normal operation)	T_{MSP}	0.185		11	μ s
MUX_SEL Reset Period	T_{RP}	35			μ s
Power-up Time (STANDBY or Limited Function to Full Function)	T_{PWR_UP}			40	μ s
Differential Amplifier Capacitive Load Capability (Note 2)	C_{DIFF}			82	pF

2. Differential Output C_{LOAD} (i.e.: DIFF_OUT_x to GND) appears as a series RC with lumped equivalent R (0.86–8.6 Ω) and C (8.2–82 pF).

4. 包裝方式如下, 詳細請查閱data sheet.

Embossed Tape and Reel Ordering Information

Package	Tape Width mm	Pitch mm (Dimension P ₁) (inch)	Reel Size		Devices Per Reel and Min Order Quantity	Tape and Reel Suffix	Fig No	Page No
			(mm)	(in)				
6-Bump (1.489x0.989)	8	4.0 \pm 0.1 (0.158 \pm 0.004)	178	7	3,000	T1 – TMOS	7	14
9-Bump (1.489x1.489)	8	4.0 \pm 0.1 (0.158 \pm 0.004)	178	7	3,000	T1 – TMOS	7	14
10-Bump	8	4.0 \pm 0.1 (0.158 \pm 0.004)	178	7	3,000	T1 – Discrete	7	14
Axial Leaded	See Axial Leaded package specifications beginning on page 27							
ChipFET	8	4.0 \pm 0.1 (0.158 \pm 0.004)	178	7	3,000	T1 – TMOS	11	15
D ² PAK 3 Lead	24	16.0 \pm 0.1 (0.630 \pm 0.004)	330	13	800	R4 Analog T4 – Discrete	1	13
D ² PAK 5 Lead	24	16.0 \pm 0.1 (0.630 \pm 0.004)	330	13	800	R4 – Analog T4 – Discrete	1	13
D ² PAK 7 Lead	24	16.0 \pm 0.1 (0.630 \pm 0.004)	330	13	750	R7 – Analog	1	13
DFN/QFN \leq 1.4x1.4mm	8	2.0 \pm 0.1 (0.079 \pm 0.004)	178	7	See Data Sheet	Various	36–38	19,20
DFN/QFN \leq 3.3x3.3mm	8	4.0 \pm 0.1 (0.158 \pm 0.004)	178	7	See Data Sheet	See Data Sheet	36–38	19,20
	8	4.0 \pm 0.1 (0.158 \pm 0.004)	330	13	See Data Sheet	See Data Sheet		
DFN/QFN > 3.3x3.3mm and \leq 7x7mm	12	8.0 \pm 0.1 (0.315 \pm 0.004)	178	7	See Data Sheet	See Data Sheet	36–38	19,20
	12	8.0 \pm 0.1 (0.315 \pm 0.004)	330	13	See Data Sheet	See Data Sheet		
DFN/QFN 7x7mm	12	16.0 \pm 0.1 (0.630 \pm 0.004)	178	7	See Data Sheet	See Data Sheet	36–38	19,20
	12	16.0 \pm 0.1 (0.630 \pm 0.004)	330	13	See Data Sheet	See Data Sheet		

μ -EDX 有害物質檢測：

μ -EDX 需依照HCSR 有害物質管制規範實施檢測，並參照IQC EDX Test Guide 規範。

Date：2018/8/5

Rev. 00 首次發行