

NEW PRODUCT INTRODUCTION

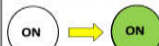



LED Touch Pad from American Opto Plus:

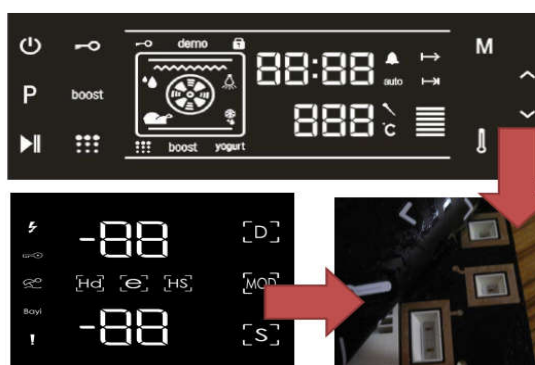
Concept: •Integrate LED display and control switch to realise Graphic Interactive Control

Design: •Pad shape: round or square pads recommended (most efficient)
•Size: 10 to 15mm pad size will be best suited to finger size
•Pitch: $\geq 15\text{mm}$ to avoid accidental touch
•Thickness: reflector 1.0 to 3.5mm, PCB 0.6 to 1.6mm

Compare --- Touch Led Switch vs General Touch Switch

Result	Touch Led Switch	Category	General Touch Switch	Result
Cost Effective	Low	Cost	High (With Spring ,More cost)	
Compact	Small	Size	Big (With Spring, More Space)	
Simple	LED with Sensor Two in one(Simply)	Structure	Spring+Sensor+LED (Segregated Layout)	
Higher Quality	Superior (Less Component to Cover)	Reliability	Average (More Component to Cover)	
Clarity	Push Button lights up (Attractive Design) 	Visual	Display Button does not light up (Traditional) 	

AOP Capacitive Touch Display (LED with Sensor—Two in One Process)



Benefits: •High sensitivity from capacitive touch sensing technology
•High reliability, no mechanical moving parts
•Water and dust proof with resin potting
•Graphic Interactive Control + colour identification makes the interface more intuitive and user friendly
•Compact size and integrated function makes design flexible
•Superior image clarity compared to resistive touch
•Durable screen construction
•Excellent resistance to surface contaminants & liquids
•Key sensitivity, panel thickness, and material can be selected based on application requirements