

	Document		PCB reference:			Date:			
	STMPE821 Capacitive Touch Demo tool		Touch Board:STEVAL-ICB002V1			22/09/2009			
	Company:								
	STMicroelectronics								
Category	S. No.	Reference Designator	Component Description	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier Ordering Code	Quantity
ST Devices	1	U1	STMPE821	QFN16	ST	STMPE821QTR	ST		1
Connectors and jumpers	2	J1	HEADER 5X2 (Interface connector)	5X2 (2.54 mm pitch)	Protectron	P9105-10-121	Protectron		1
	3	J2,J3	CON30 (Support Connectors)	15x2 (2.54 mm pitch)	Protectron	P9403-30-21	Protectron		2
LEDs	4	D1,D2,D3,D4	LED (Red)	805	Lite-On Inc	160-1176-1-ND	Digikey		4
Capacitors	5	C1,C2,C3,C4,C5	100pF	805	Phillips	399-1177-1-ND	Digikey		5
	6	C6	1uF	1206	Phillips	445-1383-2-ND	Digikey		1
	7	C7	2.2uF	1206	Phillips	490-3381-1-ND	Digikey		1
	8	C8,C9	100nF	805	Phillips	PCC2452TR-ND	Digikey		2
Resistors	9	R1,R2,R3,R4	220	805	Panasonic-ECG	P220DACT-ND	Digikey		4
	10	R5,R6	10k DNM	805	Rohm Semiconductor	RHM10.0KCCTND	Digikey		2
	11	R7	4.7k	805	Panasonic-ECG	P4.7KACT-ND	Digikey		1
MISC	12	S1,S2,S0	CON1 (touch pads)	N.A.	N.A.	N.A.	N.A.		3