

		Document Reference: STM32F20x based controller-less TFT driving solution	PCB reference: STEVAL-CCM004V1			Date: 11/08/11			
		Company: STMicroelectronics							
Category	S. No.	Reference Designator	Component Description	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number or Equivalent	Supplier	Quantity	
ST Devices	1	U1	Single Schmitt Inverter	SOT323-5L	ST	74V1G14CTR		1	
	2	U2	Touch Screen Controller	QFN16	ST	STMPE811QTR		1	
	3	U4,U5,U6	SINGLE 2-INPUT AND GATE	SOT323-5	ST	74LX1G08CTR		3	
	4	D1	SCHOTTKY RECTIFIER	DO216-AA	ST	STPS1L40M		1	
	5	U3	TFT Backlight Driver	DFN8	ST	STLD41PUR		1	
	Capacitors								
	6	C1,C6,C7,C9,C10,C13,C14,C15	100nF	SMD0805	Any			8	
	7	C2,C3,C4,C5	2pF	SMD0805	Any			4	
	8	C8, C11	10uF/50V	SMD0805	Any			2	
	9	C12	2.2uF/50V	SMD0805	Any			1	
Connectors									
	10	CN1,CN3,	CON50A	SMD	Samtec	SSM-125-L-DV	Samtec	2	
	11	CN2,CN4	CON40A	SMD	Samtec	SSM-120-L-DV	Samtec	2	
	12	CN5	TFT CONN, FPC 54pin	SMD	Any	FPC-GS200-XX1GX-XA	Lapptek Marketing	1	
	13	CN6	LCD SIGNALs CONN, 1x10pin, 2.54mm Pitch, Through Hole	1x10pin, 2.54mm Pitch, Through Hole	Any			1	
	14	CN7	LCD SIGNALs CONN, 1x12pin, 2.54mm Pitch, Through Hole	1x10pin, 2.54mm Pitch, Through Hole	Any			1	
Resistors									
	15	R1,R2,R9	10k	SMD0805	Any			3	
	16	R3,R4,R5,R8,R11,R12,R13,R14	0 ohm	SMD0805	Any			8	
	17	R6	470 ohm	SMD0805	Any			1	
	18	R7,R10	4.7k	SMD0805	Any			2	
	19	R15	1.5k	SMD0805	Any			1	
	20	R16	1.3 ohm RES 1.3 OHM 1W 1% 2512 SMD	SMD2512	Panasonic - ECG	ERJ-1TRQF1R3U	Digikey	1	
Inductors									
	21	L1	47uH/1.25A	20% SMD	Taiyo Yuden	NR10050T470M	Digikey	1	
Others									
	22	TFT-LCD	3.5" Size 320*240 Resoluion TFT- LCD		APEX	CT05350DW0000T		1	

NOTE:--DNM U4,U5,U6