

	Document / Project reference: TFT LCD STM32 based LCD Controller for TFT-LCD (STEVAL-CCM002V1)		PCB reference: STEVAL-CCM002V1			Date:	February 16, 2010		
	Company:	STMicroelectronics							
Category	S. No.	Reference Designator	Component Description	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier Ordering Code or Equivalent	Quantity
ST Devices	1	U1	Single Schmitt Inverter	SOT323-5L	ST	74V1G14CTR			1
	2	U2	White LED power supply for large display backlight	QFN8	ST	STLD40DPUR			1
	3	U3	4 wire Resistive touch screen controller	QFN16	ST	STMPE811QTR			1
	4	D1	Low Drop Power Schottky Diode	SMA	ST	STPS1L30A			1
Displays	1	TFT-LCD	3.5" Size 320*240 Resoluition TFT-LCD	SMD	APEX	CT05350DW0000 T			1
Connectors and jumpers	1	J1,J3	SOCKET 70 PS, 2.54MM, Double Row, Formed Contact, Straight, Standard 8.5mm, 2x35 way,	SOCKET, 2.54MM, Double Row, Straight, 2x35 way, Through Hole	Protectron	P9403-70-21			2
	2	J2,J4	HEADER 70ps, PIN, 2.54MM, Straight 70WAY, Double Row, Gold Flash	Double Row Straight, Through hole,70 pin, 2x35way	Protectron	P9103-70-12-1			2
	3	J5	54 pin FPC Connector 0.5mm ZIF SIDE Entry SMT Type	SMD		FPC-GS200-XX1GX-XA	Lapptek Marketing		1
	4	J6	HEADER, PIN, 2.54MM, Straight 10WAY, Single Row, Gold Flash	Single Row Straight, Through hole, 40pin	Protectron	P9101-10-12-1			1
Capacitors	1	C3,C4,C5,C6	2pf	Ceramic SMD	Any				4
	2	C7,C9,C10	100nF	Ceramic SMD	Any				3
	3	C1	2.2uF	Tantulum SMD EIA 3216-18/Size A	Any				1
	4	C2	4.7uF /50V	Tantulum SMD EIA 3216-18/Size A	Any				1
	5	C8	10uF/25V	EIA 3216-18/Size A	Any				1
Resistors	1	R1,R2,R3,R4.R13,R14	0ohm	SMD0805		Any			6
	2	R6	8ohm	SMD1206	Vishay/Dale	CRCW12068R06F NEA	Digikey	541-8.06FCT-ND	1
	3	R9	470	SMD0805		Any			1
	4	R11,R12	4k7	SMD0805		Any			2
	5	R7,R8,R10	10k	SMD0805		Any			3
	6	R5	100k	SMD0805		Any			1
Inductors	1	L1	4.7uH	SMD 1210	Murata Electronics North America	LQH32PN4R7NN0 L	Digikey	490-5338-1-ND	1
	Notes :	1. The term equivalent has been used where the exact part number from the mentioned vendor may not have been used.							
		2. U3 is Not Mounted							