

		Document reference: Adapter Board of STM3210C_EVAL for Thermal Printer Driver based on L293DD		PCB reference: STEVAL-IPC003V1			Date:	8th-Feb-2010	
		Company: STMicroelectronics							
Category	S. No.	Reference Designator	Component Description	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number or Equivalent	Supplier	Supplier Ordering Code	Quantity
ST Devices	1	U1	PUSH-PULL FOUR CHANNEL DRIVER WITH DIODES	SO-20	ST	L293DD			1
	2	U2	Protection Device (CutOff Voltage 6.02 volts)	TDFN – 10-lead (2.5 x 2 mm)	ST	STBP120AVDK6F			1
	3	D1	STPS1L30U	SMB					1
CONNECTOR	4	CN1,CN2	SOCKET, 2.54MM, Double Row, Machine Spring Contact/ Formed Contact	SOCKET, 2.54MM, Double Row, Machine Spring Contact, //(or FormedContact) Through Hole, Straight, 2x36 way	Protectron	P9303-50-11			2
	5	CN3	30 pin SMD connetor	SMD	Samtec	ZF1-30-01-T-WT	Samtec	ZF1-30-01-T-WT	1
	6	CN4	POWER JACK 2.5MM	SOCKET, DC POWER, 2.5MM, Right Angle, Locking Type	Protectron	PDCJ01-08			1
	7	CN5	TERMINAL BLOCK, SIDE ENTRY, 2WAY Pitch:5.08mm; Mounting Type:PC Board;	2 pin terminal block, 5.08mm pitch, Orange Colour	WEIDMULLER	WEIDMULLER PM5.08/2/90	Farnell	Part# 1131853	1
Capacitors									
	8	C1	CAPACITOR TANT 47UF 6.3V 20% SMD	3216-18 (EIA) 1206	Kemet	T491A476M006AT	Digikey	399-3700-1-ND	1
	9	C2,C4,C8,C9	Ceramic Capacitor 100nF, 16V 10% X7R 0805	SMD0805	Murata Electronics	GRM219R71C104KA01D	Digikey	490-1683-1-ND	4
	10	C3,C5	10uF, CAP TANTALUM 10UF 10V 20% SMD	2012-15 (EIA) 0805	AVX Corporation	TAJP106M010RNJ	Digikey	478-3281-1-ND	2
	12	C6,C7	1uF, CAP TANTALUM 1.0UF 10V 10% SMD	2012-12 (EIA) 0805	AVX Corporation	TAJR105K010RNJ	Digikey	478-3278-1-ND	2

LEDs	13	D2,D3,D4	LED, Red Colour 8.8mcd	SMD0805	OSRAM Opto Semiconductor s Inc	LS M67K-H2L1-1-0-2-R18-Z	Digikey	475-2510-1-ND	3
Resistors	14	R4,R5	100K	SMD0805	Any				2
	15	R1	RES 180 OHM 1/8W .1% 0805 SMD	SMD0805	Susumu Co Ltd	RG2012P-181-B-T5	Digikey	RG20P180BD KR-ND	1
	16	R7, R8,R9	RES 470 OHM 1/8W 5% 0805 SMD	SMD0805	Panasonic - ECG	ERJ-6GEYJ471V	Digikey	P470ACT-ND	1
	17	R3,R6	RES 10K OHM 1/8W 1% 0805 SMD	SMD0805	Stackpole Electronics Inc	RMCF 1/10 10K 1% R	Digikey	RMCF1/1010 KFRCT-ND	2
	18	R10, R11, R12	0	SMD0805	Any				3
	19	R2	RES 27K OHM 1/8W 5% 0805 SMD	SMD0805	Yageo	RC0805JR-0727KL	Digikey	311-27KARCT-ND	1
Misc	20	Thermal	Thermal Printer	Modular	APS	FM 205 – HS	Evolute	FM 205 – HS	1