

STEVAL-CBP003V1 BOM

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	L78M05CV	TO-220 (A type)	ST	L78M05CV			1
	2	U2	ST7FLITE39F2M6	SO-20	ST	ST7FLITE39F2M6			1
	3	U3	STLED316S	SO_24	ST	STLED316SMTR			1
	4	D1	STPS1L30A	SMA	ST	STPS1L30A			1
	5	D4,D5,D6,D7	1N5817	DO41	ST	1N5817			4
	6	U4	10 segment Bar Graph LED	Through Hole	Hewlett Packard	HDSP - 4830			1
	7	U5, U6, U7, U8, U9 U10	7 Segment LED Display (Common Anode)	Through Hole – 14.2mm	Agilent Technologies	HDSP - 5501			6
Connectors and jumpers	8	SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8	PUSH BUTTON	4-leg Through-hole (Push-4)	Any		Farnell	535-916	8
	9	J2	Power Socket		Any				1
	10	J3	ICC Connector	Header 5x2/IDC-10B	Any		Farnell	110 - 6782	1
	11	J1	Signal and Power Headers	SIP-8 (berg strip)	Any				1
LEDs	12	D2	LED (Red) – 3mm	Throgh Hole	Any		Farnell	322-570	1
	13	D3	LED (Green) – 3mm	Throgh Hole			Farnell	322-544	1
Capacitors	14	C2	10uF/ 16 V	Tantalum	Any				1
	15	C1,C3,C6	100nF	SMD0805	Any				3
	16	C4	330nF	SMD0805	Any				1
	17	C5	10nF	SMD0805	Any				1
	18	C7	33uF/ 25V	Axial/ (Cylindrical)	Any				1
Resistors	19	R1,R2	300	SMD0805	Any				2
	20	R3,R4,R5,R7	10k	SMD0805	Any				4
	21	R6	2k2	SMD0805					1
	22	R8	Resitor Potentiometer 0 – 10K	Through Hole PCB Mount	Bourns	3296W-1-203LF	Farnell	935 - 3240	1
	23	R9	360	SMD0805					1