LED Display Driver and MPU BOM

Item	Reference	Qty	Pop	Manufacturer	Part Number	Description	Destributor	Stock Number	Value	Modifier	Cost@1
1	J1	1	1	MikroElektronika		Board, Microprocessor with USB, STM32F407GT6, DIP40	MikroElektronika		STM32F407GT6		$29.00
2	C1	1	1	AVX Corporation	08055C104KAT2A	Capacitor, Ceramic, 0.1uF, 50V, 10%, X7R, 0805	Digi-Key	478-1395-1-ND	0.1uF	50V	$0.12
3	C2	1	1	AVX Corporation	12103D226KAT2A	Capacitor, Ceramic, 22uF, 25V, 10%, X5R, 1210	Digi-Key	478-5999-1-ND	22uF	25V	$1.40
4	C3	1	1	AVX Corporation	08055A270JAT2A	Capacitor, Ceramic, 27pF, 50V, 5%, C0G/NP0, 0805	Digi-Key	478-1309-1-ND	27pF	50V	$0.20
5	U1	1	1	Maxim Integrated	MAX6951CEE+	Driver, LED Display, Serial, 8-Digit, QSOP16	Digi-Key	MAX6951CEE+-ND	7-Segment	3-Wire Serial	$12.81
6	X1-4	4	0	None	Not Applicable	Hole, Mounting, 0.116"	None	Not Applicable	116	Part of PCB	$0.00
7	D1-8	8	1	LITE-ON INC	LTS-4301JR	LED Display, 7-Segment, 0.4", Super Red, CC, DIP10	Digi-Key	160-1533-5-ND	0.4"	0.508" x 0.382"	$1.76
8	R1	1	1	Panasonic Electronic Components	ERJ-6ENF5602V	Resistor, Thick Film, 56K, 0.125W, 1%, 0805	Digi-Key	P56.0KCCT-ND	56K	0.125W	$0.14
										TOTAL:	$45.43