

DECAMUX BOM

Qty	Parts	Description	MANUF	PARTNO	Farnell		
					Price	Order Code	Cost
3	J1, J2, J3	Dual row, 16way boxed header	Amphenol	T821116A1S100CEU	€ 0,27	2215308	€ 0,81
3	L1, L2, L3	Ferrite bead 0805, 220 Ohm, 2A	Murata	BLM21PG221SN1D	€ 0,07	1515661	€ 0,20
2	C3, C7	Capacitor 0805, 100pF C0G, NP0 or X7R	not specified	-	€ 0,03		€ 0,06
5	C1, C4, C5, C6, C8	Capacitor 0805, 100nF/50V X7R	Murata	GRM21BR71H104KA01L	€ 0,04	8820120	€ 0,22
1	C2	Capacitor 0805, 2u2/10V X7R	Murata	GRM21BR71A225KA01L	€ 0,11	1828923	€ 0,11
2	R4, R6	Resistor 0805, 1k00 1%	not specified	-	€ 0,03		€ 0,06
4	R1, R2, R3, R5	Resistor 0805, 10k0 1%	not specified	-	€ 0,03		€ 0,12
2	U1, U4	Low-power multiple function gate configured as 2 input AND	Diodes Inc	74LVC1G57W6-7	€ 0,11	1893837	€ 0,21
2	U2, U3	Low-power multiple function gate configured as 2 input AND with inverted A input	Diodes Inc	74LVC1G58W6-7	€ 0,06	1893839	€ 0,12
0	U6, U7	10-bit transparent latch with 5 V tolerant inputs/outputs; 3-state	Texas Instruments	SN74LVC841APW	€ 1,36	1236405	€ 0,00
2			NXP	74LVC841APW,112	€ 0,83	2445137	€ 1,65
1	U5	Ultra low-noise, high PSRR, fast RF, 200mA LDO linear regulator	Texas Instruments	TPS79333DBVR	€ 0,61	1470478	€ 0,61
1		DECAMUX PCB	OSH Park	DECAMUX_R0	€ 2,50		€ 2,50
1		Flat Cable, 2.54MM, F/F, 150MM, 16WAY	Amphenol	FC16150-0	€ 1,26	2217610	€ 1,26
Total Cost							€ 7,93