

Reference	Value	Footprint	Qty	MANUFACTURER_PART_NUM	DIGIKEY_PART_NUMBER	Price	Total
120R1,120R2	FerriteBead	Resistor_SMD:R_0805_2012Metric	2	H108050121R-10	240-2393-1-ND	₹ 19.28	38.56
C1,C2	22uF	Capacitor_SMD:C_0603_1608Metric	2				0
C3,C29,C38	10uF	Capacitor_SMD:C_0603_1608Metric	3				0
C4,C5,C6,C7,C8,C9,C10,C14	100nF	Capacitor_SMD:C_0603_1608Metric	8				0
C11,C28,C35	10nF	Capacitor_SMD:C_0603_1608Metric	3				0
C12,C13,C17,C18,C21,C26,C33,C34,C36,C37,C42,C43	1uF	Capacitor_SMD:C_0603_1608Metric	12				0
C15,C16,C19,C20	10pF	Capacitor_SMD:C_0603_1608Metric	4				0
C22	4.7uF	Capacitor_SMD:C_0603_1608Metric	1				0
C23	0.47uF	Capacitor_SMD:C_0603_1608Metric	1				0
C24	0.1uF	Capacitor_SMD:C_0603_1608Metric	1				0
C25	100pF	Capacitor_SMD:C_0603_1608Metric	1				0
C27	3300pF	Capacitor_SMD:C_0603_1608Metric	1				0
C30,C39	C	Capacitor_SMD:C_0603_1608Metric	2				0
C31,C32	4.7uF	Capacitor_SMD:C_1206_3216Metric	2				0
C40,C47	47uF	Capacitor_SMD:C_1206_3216Metric	2				0
C41,C46	2.2uF	Capacitor_SMD:C_0603_1608Metric	2				0
C44,C48	10uF	Capacitor_SMD:C_1206_3216Metric	2				0
C45	1uF	Capacitor_SMD:C_1206_3216Metric	1				0
D1	EPS_5V_LED	LED_SMD:LED_0805_2012Metric	1				0
D2	EPS_3V3_LED	LED_SMD:LED_0805_2012Metric	1				0
D3	EPS_LED	LED_SMD:LED_0805_2012Metric	1				0
D4,D5	D_Schottky	Diode_SMD:D_0805_2012Metric	2				0
D6	D	Diode_SMD:D_1206_3216Metric	1				0
H1,H2,H3,H4	MountingHole_Pad	MountingHole:MountingHole_3.2mm_M3_Pad	4				0
J1	USB_B_Micro	Connector_USB:USB_Micro-B_GCT_USB3076-30-A	1	USB3076-30-A	2073-USB3076-30-ACT-ND	₹ 70.43	70.43
J2	Conn_01x04_Pin	Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Horizontal	1				0
J3,J4	Conn_02x26_Odd_Even	PC104_BUS:SAMTEC_ESQ-126-39-G-D	2				0
JP1,JP3	USB_POW_EN	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical	2				0
JP2	Jumper_2_Bridged	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical	1				0
L1	8.2uH	Inductor_WE-XHMI-5050:WE-XHMI-5050	1	744393305082	732-744393305082CT-ND	₹ 265.77	265.77
L2,L3	2.2uH	Inductor_SMD:L_Wuerth_WE-XHMI-8080	2	74439358022	732-7274-1-ND	₹ 393.21	786.42
Q1,Q2	PMOS	Package_TO_SOT_SMD:SOT-23-3	2	BSR92PH6327XTSA1	BSR92PH6327XTSA1CT-ND	₹ 46.11	92.22
R1,R2,R8,R9,R10,R11,R12	1k5	Resistor_SMD:R_0603_1608Metric	7				0
R3,R6	100k	Resistor_SMD:R_0603_1608Metric	2				0
R4,R7		Resistor_SMD:R_0603_1608Metric	2				0
R5,R14,R15,R16,R18,R19,R20,R22,R23,R24,R25,R41,R42	10k	Resistor_SMD:R_0603_1608Metric	13				0
R13		Resistor_SMD:R_0603_1608Metric	1				0
R17,R26	2.2k	Resistor_SMD:R_0603_1608Metric	2				0
R21,R28	130k	Resistor_SMD:R_0603_1608Metric	2				0
R27		Resistor_SMD:R_0603_1608Metric	1				0
R29	18k	Resistor_SMD:R_0603_1608Metric	1				0
R30	15k	Resistor_SMD:R_0603_1608Metric	1				0
R31,R33,R34,R37,R38	400k	Resistor_SMD:R_0603_1608Metric	5				0
R32		Resistor_SMD:R_0603_1608Metric	1				0
R35,R39,R43		Resistor_SMD:R_0603_1608Metric	3				0
R36,R40		Resistor_SMD:R_0603_1608Metric	2				0
SW1	SW_SPDT	Button_Switch_SMD:SW_SPST_B3U-1100P	1	B3U-1100P	SW1021CT-ND	₹ 71.26	71.26
U1	AMS1117-3.3	Package_TO_SOT_SMD:SOT-223-3_TabPin2	1	AMS1117-3.3	5272-AMS1117-3.3CT-ND	₹ 48.63	48.63
U2,U3	SN65HVD256D	SN65HVD256D:D8	2	SN65HVD256D	296-33577-5-ND	₹ 200.38	400.76
U4	STM32L476VET6	Package_QFP:LQFP-100_14x14mm_P0.5mm	1	STM32L476VET6	497-15878-ND	₹ 649.76	649.76
U5	TPS3824-33QDBVRQ1	TPS3824:tps3824	1	TPS3824-33QDBVRQ1	296-TPS3824-33QDBVRQ1CT-ND	₹ 122.41	122.41
U6	TPS259621DDAT_3V3_ADCS	TPS259621DDAT:IC_TPS259621DDAT	1	TPS259621DDAT	296-TPS259621DDATCT-ND	₹ 90.55	90.55
U7	TPS259621DDAT_3V3_ANT	TPS259621DDAT:IC_TPS259621DDAT	1	TPS259621DDAT	296-TPS259621DDATCT-ND	₹ 90.55	90.55
U8	TS4061B1CT-1.25	TS4061B1CT:SOT323-3L_1P35X2P2X0P65_STM	1	TS4061B1CT-1.25	497-15526-1-ND	₹ 81.32	81.32
U9	TPS259621DDAT_3V3_EPS	TPS259621DDAT:IC_TPS259621DDAT	1	TPS259621DDAT	296-TPS259621DDATCT-ND	₹ 90.55	90.55
U10	TPS259621DDAT_5V_PAY	TPS259621DDAT:IC_TPS259621DDAT	1	TPS259621DDAT	296-TPS259621DDATCT-ND	₹ 90.55	90.55
U11	LM5000-3MTCX	LM5000:SOP65P640X120-16N	1	LM5000-3MTCX/NOPB	296-35284-1-ND	₹ 441.00	441
U12	TPS259621DDAT_5V_EPS	TPS259621DDAT:IC_TPS259621DDAT	1	TPS259621DDAT	296-TPS259621DDATCT-ND	₹ 90.55	90.55
U13	TPS259621DDAT_5V_OBC	TPS259621DDAT:IC_TPS259621DDAT	1	TPS259621DDAT	296-TPS259621DDATCT-ND	₹ 90.55	90.55
U14	AD7708BRUZ	AD7708BRUZ:SOP65P638X110-28N	1	AD7708BRUZ	AD7708BRUZ-ND	₹ 1,167.05	1167.05
U15	LTC3624EMSE-3.3PBF	LTC3624EMSE-3.3PBF:SOP65P490X110-13N	1	LTC3624EMSE-3.3#PBF	LTC3624EMSE-3.3#PBF-ND	₹ 856.84	856.84
U16	TPS259621DDAT_5V_ADCS	TPS259621DDAT:IC_TPS259621DDAT	1	TPS259621DDAT	296-TPS259621DDATCT-ND	₹ 90.55	90.55
U17	TPS259621DDAT_5V_COMM	TPS259621DDAT:IC_TPS259621DDAT	1	TPS259621DDAT	296-TPS259621DDATCT-ND	₹ 90.55	90.55
U18	TPS259621DDAT_12V_ADCS	TPS259621DDAT:IC_TPS259621DDAT	1	TPS259621DDAT	296-TPS259621DDATCT-ND	₹ 90.55	90.55
U19	LTC3624IDD-25PBF	LTC3624IDD-25PBF:DFN-8_DD	1	LTC3624IDD-25#PBF	LTC3624IDD-25#PBF-ND	₹ 921.40	921.4
Y1	32MHz	Crystal:Crystal_SMD_Abracon_ABM8AIG-4Pin_3.2x2.5mm	1	ABM8X-102-32.000MHZ-T	535-11454-1-ND	₹ 561.73	561.73
Y2	32.768KHz	Crystal:Crystal_SMD_3215-2Pin_3.2x1.5mm	1	ABS07-32.768KHZ-T	535-9542-1-ND	₹ 54.50	54.5
							7445.01