

Designator	DeLaval art no	Quantity	Value	Case	Description	Comment	Manufacturer	Part Number
A1	2150000605	1			BLE antenna 6x10	Antenna coil with bc		
C1, C2, C3, C4	85811026	22	100NKX	0402	Ceramic Chip Cap	0402 100n 10% 50V	Murata M	GRM155R
C5, C44, C45	85811032	7	2N2KX	0402	Ceramic Chip Cap	0402 2.2n 10% 50V	Samsung	CL05B222
C7, C10, C17	92959739	5	1U0KV	0603	Ceramic Chip Cap	0603 1u 10% 50V X5	Samsung	CL10A105
C16, C29, C5	85811038	3	10NKX	0402	Ceramic Chip Cap	0402 10n 10% 50V X	Samsung	CL05B103
C22, C26, C2	90637732	16	10UKX	1206	Ceramic Chip Cap	1206 10u 10% 50V X	Samsung	CL31B106
C27	85811019	1	47PJN	0402	Ceramic Chip Cap	0402 47p 5% 50V NR	Samsung	CL05C470
C51, C60, C6	85811034	3	330PJN	0402	Ceramic Chip Cap	0402 330p 10% 50V	Samsung	CL05C331
D2, D3, D81	91753209	8	1N4148X	SOD-523	Switching Diode g	1N4148X	MCC Micro	1N4148X-
D4, D101	85651913	2	LOG T77K	(SMD-4)	SMD LED dual, ora	LOG T77K	OSRAM O	LOG T77K
D5, D6, D7, D	85651915	16	MSL0402RGB	(SMD-6)	LED Small and Hig	MSL0402RGB	ROHM Co	MSL0402F
D33, D34, D3	85634815	6	PMEG4010	SOD-993	40V 1A low VF ME	PMEG4010AESB	Nexperia	PMEG4010
D39, D40, D4	85634816	17	MBRAF440	SMA-FL	Schottky Power D	MBRAF440	ON Semic	MBRAF440
D46, D53, D5	90526618	4	SMAJ26CA	DO-214AC	Transient Voltage	SMAJ26CA-TP	MCC Micro	SMAJ26CA
D47, D79	90526617	2	SMA6J26A	DO-214AC	Transient Voltage	SMA6J26A-TR	ST Microe	SMA6J26A
L2	85635312	1	33UM	(SMD-2)	FIXED IND 33UH 1	NRS6028T330MMGJ	Taiyo Yud	NRS6028T
L3	85635313	1	10UM	(SMD-2)	Wire-wound induc	LQH32PN100MN0	Murata M	LQH32PN
L7	90690910	1	180ohm@100MHz	0603	FERRITE BEAD 180	BLM18EG181SH1 Fe	Murata M	BLM18EG
P1, P2	490105797	2			PCB pin header 12	OQ125E00B000G	ANYTEK	OQ125E00
Q1	85652308	1	DTC114	SC-75	NPN Bias Resistor	DTC114EET1G	ON Semic	DTC114EE
Q2	85652405	1	PBLS4002	SOT-363	NPN/PNP pair 500	PBLS4002Y	Nexperia	PBLS4002
R1, R2, R77, R	85810992	4	348RFW	0402	Thick film chip res	0402 348R 1% 50V 0	Vishay	CRCW040
R3, R4, R5, R	85810950	4	560RFW	0402	Thick film chip res	0402 560R 1% 50V 0	Vishay	CRCW040
R7, R9, R94	85810997	3	49R9FW	0402	Thick film chip res	0402 49R9 1% 50V 0	Vishay	CRCW040
R11, R15	85810995	2	11K0FW	0402	Thick film chip res	0402 11K0 1% 50V 0	Vishay	CRCW040
R12, R18, R2	85810989	10	48K7FW	0402	Thick film chip res	0402 48K7 1% 50V 0	Vishay	CRCW040
R19, R51	98982182	2	4K70FW	0805	Thick film chip res	0805 4k7 1% 150V 0	Rohm Ser	ESR10E2P
R20, R31, R3	85810975	7	150KFW	0402	Thick film chip res	0402 150K 1% 50V 0	Vishay	CRCW040
R23, R70	85810986	2	2K49FW	0402	Thick film chip res	0402 2K49 1% 50V 0	Vishay	CRCW040
R26, R27, R3	85810994	3	100KBZ	0402	Thin film chip resi	0402 100K 0.1% 50V	Yageo	RT0402BR
R28	85810995	1	11K0BZ	0402	Thin film chip resi	0402 11K 0.1% 50V	Yageo	RT0402BR
R29	85810998	1	5K76BZ	0402	Thin film chip resi	0402 5K76 0.1% 50V	Yageo	RT0402BR
R33, R48	855832 59	2	390RFW	0603	Thick film chip res	0603 390R 1% 150V	Panasonic	ERJ-PA3F3
R34	85810996	1	33K0BZ	0402	Thin film chip resi	0402 33K 0.1% 50V	Yageo	RT0402BR
R35, R36, R3	85583204	5	3K90FW	0603	Thick film chip res	0603 3k90 1% 75V 0	KOA Spee	RK73H1JT
R55, R56, R5	98982180	7	1K00FW	0805	Thick film chip res	0805 1K 1% 150V 0.4	Rohm Ser	ESR10E2P
U1	87749005	1	CY8C4248LQI	QFN-56	Programmable Sy	CY8C4248LQI-BL553	Cypress S	CY8C4248
U2	2150003731	1	MX25L6433	VSOP-8	3V, 64M-BIT [x 1/x	Flash memory MX25	Macronix	MX25L643
U3	88752401	1	TLC5971	QFN-24	12-Channel, 16-Bi	TLC5971RGE	Texas Inst	TLC5971R
U4	90741221	1	74HC1G32	SOT-23/5	2-input OR gate h	MC74HC1G32DTT1G	ON Semic	MC74HC1
U5, U7	88255403	2	MP2456	SOT-23/6	0.5A Buck Regulat	MP2456GJ	Monolithi	MP2456G
U6, U10	88752403	2	BCR401U	SOT-23/6	LED DRIVER	BCR401UE6327HTSA	Infineon T	BCR401UE
U8	90535233	1	TLE75008EMD	SSOP-24	IC RELAY DRIVER	TLE75008EMDXUMA	Infineon T	TLE75008
U9, U11	90535230	2	TJA1027	SON-8	LIN 2.2A/SAE J260	TJA1027TK/20/1J	NXP	TJA1027T
Y2	85684610	1	TSX3225-24M000	(SMD-4)	Crystal, 24.0000M	TSX3225-24.0000ME	Seiko-Eps	TSX3225-2

Footprint	LibRef
BLE_ANTE	THOR-0189
CAPC1005	THOR-0001
CAPC1005	THOR-0006
CAPC1608	THOR-0003
CAPC1005	THOR-0002
CAPC3216	THOR-0004
CAPC1005	THOR-0005
CAPC1005	THOR-0007
SODFL160	THOR-0008
LEDM2201	THOR-0009
LEDCAF62	THOR-0138
DFN100X6	THOR-0011
SODFL512	THOR-0012
DIOM502	THOR-0013
DIOM512	THOR-0014
INDM606	THOR-0015
INDM322	THOR-0016
FERC1608	THOR-0116
HDRV_AN	THOR-0018
SOT50P16	THOR-0019
SOT65P21	THOR-0020
RESC1005	THOR-0021
RESC1005	THOR-0022
RESC1005	THOR-0023
RESC1005	THOR-0289
RESC1005	THOR-0045
RESC2012	THOR-0025
RESC1005	THOR-0044
RESC1005	THOR-0026
RESC1005	THOR-0083
RESC1005	THOR-0085
RESC1005	THOR-0086
RESC1608	THOR-0087
RESC1005	THOR-0084
RESC1608	THOR-0030
RESC2012	THOR-0031
QFN40P70	THOR-0032
SOIC127P	THOR-0276
QFN50P40	THOR-0034
SOT95P27	THOR-0035
SOT95P28	THOR-0036
SOT95P25	THOR-0080
SOP65P60	THOR-0037
SON65P30	THOR-0038
OSCCC32	THOR-0132