















Comment	Description	Designator	Footprint	LibRef	Quantity
10µF	CAP CER 10UF 10V X5R 0603, CAP CER	C1, C16, C18	CAP 0603_1608	GRM188R61A106MAA LD,	
	10UF 16V X5R 0603	, 010, 010		GRT188R61C106KE13 D	
4.7μF	CAP CER 4.7UF 10V X5R 0603	C2, C4, C10	CAP 0603_1608	LMK 107BJ475KA-T	
18pF	CAP CER 18PF 10V COG/NPO 0603	C3, C7, C20, C21, C23, C24	CAP 0603_1608	VJ0603A180FXQCW1B C	
	CAP CER 0.1UF 50V X7R 0603, CAP CER	C5, C9, C11, C12, C14,		C0603C104K5RAC7411	
0.1μF	0.1UF 10V X7R 0603, CAP CER 0.1UF 16V	C17, C19, C22, C25, C26	CAP 0603_1608	, C0603T104K8RAC7867	
	X7R 0603 CAP CER 0.01UF 250V			, CS0603KRX7R7BB104 C0603C103KARACAUT	
0.01µF	X7R 0603 CAP CER 0603 1UF	C6, C8, C13	CAP 0603_1608	O C0603X105M4RACAU	
1μF	16V X7R 20%	C15	CAP 0603_1608	TO	
Blue	LED BLUE 0603 SMD	D1, D2, D3, D4, D5, D6, D7	LED 0603_1608 BLUE	VLMB1300-GS08	
600 Ohms @ 100MHz	FERRITE BEAD 600 OHM 0603 1LN	FB1	FER 0603_1608	BLM18AG601SN1D	
LOFP144 - SOT486-1 LOFP144: plastic low profile quad flat package; 144 leads; body 20 x 20 x 1.4 mm body + leads 22 x 22 mm Solderland (pads) 0.4 x 1.5 mm on corners (8 x) and 0.28 x 1.5 mm (136 x)		IC1	LOFP144	LPC4300_LQFP144	
CMSIS-DAP Interface : 32-bit LPC11U00 ARM Cortex M3 RISC 64KB Flash 2.5V/3.3V 33-Pin HVQFN EP		IC2	HVQFN33	IF_LPC11U35FHI33/50 1	
103185-2	02 MODII HDR SRST	J1, J3, J4	TE_103185-2	103185-2	
920-0088-01	B/A .100CL CONN HDR 8/10P 0.1	12	SCHMARTBOARD -	920-0088-01	
MCU_IO_A	GOLD PCB 6PC Female Header, Pitch 2.54 mm, 2 x 10 Position, Height 8.75 mm, Tail Length 3.2 mm, -40 to 105 degC, RoHS, Bulk SMD mono-color	16	920-0088-01 SLIN-PPPC102LFBN- RC_V	CMP-1770-00003-1	
150060RS75000	Chip LED, WL-SMCW, Red	LED1	0603_A	CMP-1426-00001-1	
61301021121	THT Vertical Pin Header WR-PHD, Pitch 2.54 mm, Dual Row, 10 pins	P1, P4	61301021121	CMP-1502-01084-1	
47346-0001	CONN RCPT SPOS MICRO USB R/A SMID	P2, P3	MOLEX_47346-0001	47346-0001	
BSS84	MOSFET P-CH 50V 130MA SOT-23	Q1	FP-SOT23-MFG	CMP-14409-000006-1	
12.1 kOhms	RES SMD 12.1K OHM	R1, R4, R5	RES 0603_1608	CR0603-FX-1212ELF	
10 k	1% 1/10W 0603 RES 10K OHM 0.1%	R2, R3, R9, R16	RES 0603 1608	RNCS0603BKE10K0	
10 Ohms	1/16W 0603 RES SMD 10 OHM	R6	RES 0603_1608	CRT0603-BY-10R0ELF	
100 k	0.1% 1/10W 0603 RES 100K OHM 5%	R7	RES 0603 1608	RMCF0603JT100K	
100 Ohms	1/10W 0603 RES 100 OHM 0.1%	R8. R22	RES 0603 1608	RNCS0603BKE100R	
470 Ohms	1/16W 0603 RES SMD 470 OHM 5%	R10, R11, R12, R19,	RES 0603 1608	CRCW0603470RJNEA	
33R	1/4W 0603 RES SMD 33 OHM	R20, R21, R?		HP	
1.5 k	0.1% 1/16W 0603 CRGP 0603 1K5 1%	R13, R14 R15	RES 0603_1608 RES 0603_1608	CPF0603B33RE CRGP0603F1K5	
10K Ohms	RES SMD 470 OHM 5% 1/4W 0603	R17, R18	RES 0603_1608	CRCW0603470RJNEA	
2.2 k	RES SMD 2.2K OHM 1% 1/10W 0603, RES 2.2K OHM 5% 1/10W 0603	R23, R24, R25, R26, R27, R28, R29, R30	RES 0603_1608	ERJ-3EKF2201V, RK73B1JTTD222J	
Value	RES O OHM JUMPER	R31	RES 0603_1608	TLRZ1JTTD	
FSM4JSMATR - RESET	0603 Micro Miniature Push Button Switch FSM JSM, 50 mA, -35 to 85 degC, 4-Pin SMD, RoHS, Tape and Reel	SW1	TECO- FSM4JSMATR_V	CMP-2000-07486-1	
FSM4JSMATR	Micro Miniature Push Button Switch FSM JSM, 50 mA, -35 to 85 degC, 4-Pin SMD, RoHS, Tape and Reel 150 mA, Tiny CMOS	SW2, SW3, SW4, SW5	TECO- FSM4JSMATR_V	CMP-2000-07486-1	
TC1017-3.3VCTTR	LDO with Shutdown, 5-Pin SOT-23, Extended Temperature, Tape and Reel Single Output Fast	υı	SOT-23-CT5_L	CMP-0136-00743-1	
TPS77733DR	Transient Response LDO, 750 mA, Fixed 3.3 V Output, 2.7 to 10 V Input, 8-pin SOIC (D), -40 to 125 degC, Green (RoHS & no Sb/Br) MirrorRit Flash Non-	U2	D0006A_N	CMP-0395-00062-2	
S25FL128SAGMFI011	Volatile Memory CMOS 3.0 Volt Core with Versatile I/O, Serial Peripheral Interface with Multi- I/O, 128 Mbit, 133 Mbiz, -40 to 85 degC, 16-Pin SO (SO3016), RoHS, Tube	U3	SPSN-SOIC-16_L	CMP-1329-00018-1	
25MHZ	Ceramic Surface Mount Low Profile Quartz Crystal, 8 MHz, -20 to 70 degC, 4-Pin 6 x 3.6 x 1.2 mm SMD, RoHS, 1000pcs / Reel	хı	ABRA-ABMM2-4_V	CMP-0277-00003-1	
12MHz	Ceramic Surface Mount Low Profile Quartz Crystal, 8 MHz, -20 to 70 degC, 4-Pin 6 x 3.6 x 1.2 mm SMD, RoHS, 1000pcs /	Х2	ABRA-ABMM2-4_V	CMP-0277-00003-1	