



Comment	Description	Designator	Footprint	LibRef	Quantity
LDM-13488MI	LED MATRIX 8X8 1.3" 630NM RED CC	B1, B2, B3, B4	LDM13488MI	LDM-13488MI	4
CL21A106MPFN	CL21 Series 0805 10uF 10V ±20% Tolerance X5R Multilayer Ceramic Chip Capacitor	C1	FP-CL21-IPC_C	CMP-13271-002245-1	1
CC0603MRX5R5BB226	CAP CER 22UF 6.3V X5R 0603	C2	FP-CC0603-DC-MFG	CMP-2000-06075-2	1
HMK316B7104ML-T	None	C3, C4, C7, C8, C9, C10, C11, C14	FP-1206-L_3_2_0_15-W_1_6-IPC_A	CMP-14477-001727-2	8
CL21F105ZAFN	CL21 Series 0805 1uF 25V -20/+80% Tolerance Y5V Multilayer Ceramic Chip Capacitor	C5, C6, C15	FP-CL21-IPC_B	CMP-13271-002018-1	3
CGA3E2X8R2A103K080AD	Cap Ceramic 10nF 100V X8R 10% Pad SMD 0603 +150°C Automotive T/R	C12	FP-CGA3E-0_3-0_1-IPC_A	CMP-08246-000769-1	1
22nF		C13	CAPC1608X92X38NL15T08	CMP-2006-01144-1	1
C0402C101K5GACTU	CAP CER 100PF 50V 10% NP0 0402	C16	FP-C0402-BB-MFG	CMP-2008-03050-3	1
MF-R050	PTC RESET FUSE 60V 500MA RADIAL	F1	FP-MF-R050-MFG	CMP-07400-000037-1	1
Type-C	WR-COM_USB 3.1_TYPE C_HORIZONTAL	J1	632723130112	CMP-207978-000001-2	1
POM-2738P-R	MIC COND ANALOG OMNI -38DB	LS1	FP-POM-2738P-R-MFG	CMP-103887-000001-1	1
ST-LINK		P1	61300411021	CMP-1502-01063-3	1
UART		P2	61300411021	CMP-1502-01063-3	1
10K 5% 1206(3216)	10K 0.25W 5% 1206 (3216 Metric) SMD	R1, R2, R4, R5, R11	RESC1206(3216)_M	CMP-1014-00098-1	5
CR2010-JW-103ELF	Thick Film Chip Resistors 2010 10kΩ 0.5W 5% 200ppm/°C	R3	FP-CR2010-IPC_C	CMP-07231-003456-1	1
MCA12060D2001BP100	MCA12060D2001BP10 0 SMD Chip Resistor, 2 kΩ, ± 0.1%, 250 mW, 1206 [3216 Metric], Thin Film, Precision	R6, R8	MCA 1206_VIS	CMP-00030-45006308-1	2
CRCW06031M00JNEAHP	RES Thick Film, 1MΩ, 5%, 0.33W, 200ppm/°C, 0603	R7, R10	FP-CRCW0603-HPe3-IPC_A	CMP-02407-009732-1	2
1K 5% 2010(5025)	1K 0.75W 5% 2010 (5025 Metric) SMD	R9	RESC2010(5025)_L	CMP-1017-00074-1	1
RT1206DRE07100KL	RES SMD 100K OHM 0.5% 1/4W 1206	R12	FP-RT1206-MFG	CMP-2003-04271-2	1
AMS1117-3.3	LDO Voltage Regulators 1A, 3.3V	U1	FP-AMS1117-IPC_C	CMP-209535-000001-1	1
3V3-5V	IC BUFF NON-INVERT 5.5V 14DHVQFN	U2	FP-SOT762-1-MFG	CMP-14350-000006-1	1
MAX7219CWGT	IC DRVR 7 SEGMENT 8 DIGIT 24SOIC	U3, U4, U6, U7	SOIC127P1032X265-24N	MAX7219CWGT	4
STM8S103F3P6	STM8 series Microcontroller IC 8-Bit 16MHz 8KB (8K x 8) FLASH 20-TSSOP	U5	SOP65P640X120-20N	STM8S103F3P6	1
MAX4466EXK	Audio Amp Microphone 1-CH Mono Class-AB 5-Pin SC-70 T/R	U8	SOT65P210X110-5N	MAX4466EXK	1