



Comment	Description	Designator	Footprint	LibRef	Quantity
3.3V	Typical RED GaAs LED	1 Designator	D0805	LED	Quantity 1
5V	Typical RED GaAs LED	2	D0805	LED	1
A	Typical RED GaAs LED	A1, B1	D0805	LED	2
BOOT	Typical RED GaAs LED	BOOT1	D0805	LED	1
5001	Single-Pole, Single-Throw	50011	50003		
B2	Switch Single-Pole, Single-Throw	Button1, Button2	PUSH SWITCH	SW-SPST	2
B1	Switch	Button3	PUSH SWITCH	SW-SPST	1
В	Typical RED GaAs LED	С	D0805	LED	1
	Capacitor (Semiconductor				
10nF	SIM Model)	C1, C9	CC2012-0805	Cap Semi	2
	Polarized Capacitor				
470uF	(Radial)	C2, C10 C3, C5, C6, C11, C12, C14,	CAP10x12	Cap Pol DIP	2
	Capacitor (Semiconductor	C15, C17, C18, C19, C20,			
100nF	SIM Model)	C21, C22, C25, C27, C28	CC2012-0805	Cap Semi	16
2200uF	Polarized Capacitor (Axial)	C4 C13	SV-H	Cap Pol SMD	2
LEGGUI	rounzed capacitor (visiar)	C-1, C-13	3711	COP 1 OI SIND	
20. 5	Capacitor (Semiconductor SIM Model)	67.60	663043 0005	c c :	2
20pF	SIM Model)	C7, C8	CC2012-0805	Cap Semi	2
	Capacitor (Semiconductor				
2.2uF	SIM Model)	C16	CC2012-0805	Cap Semi	1
	Capacitor (Semiconductor				
10uF	SIM Model)	C23, C24	CC2012-0805	Cap Semi	2
D Schottky SS84	Schottky Diode	D1, D2	SMC	D Schottky	2
FUSE	Typical RED GaAs LED	D3, D4	D0805	LED	2
10A Fuse	Fuse	F1	FUSE SOCKET	Fuse	1
0.2A Fuse	Fuse	F2	CF3216-1206	Fuse	1
3A Fuse	Fuse	F3	FUSE SOCKET	Fuse	1
GPIO1	Header, 3-Pin	JP1	LOCKEDHDR-3	Header 3	1
GPIO2 GPIO3	Header, 3-Pin	JP2 JP3	LOCKEDHDR-3	Header 3	1
GPIO4	Header, 3-Pin Header, 3-Pin	JP4	LOCKEDHDR-3 LOCKEDHDR-3	Header 3 Header 3	1
Motor1	Header, 4-Pin	JP5	LOCKEDHDR-4	Header 4	1
Motor2	Header, 4-Pin	JP6	LOCKEDHDR-4	Header 4	1
Motor3	Header, 4-Pin	JP7	LOCKEDHDR-4	Header 4	1
UART1	Header, 4-Pin	JP8	LOCKEDHDR-4	Header 4	1
UART2	Header, 4-Pin	JP9	LOCKEDHDR-4	Header 4	1
22uH	Inductor	L1, L2	CL3225-1210	Inductor	2
AO3400	N-Channel MOSFET	M1, M2, M3, M4	SOT-23	AO3400	4
TFT	Header, 6-Pin	P2	HDR1X7	Header 7	1
Servo1	Header, 3-Pin	P3	LOCKEDHDR-3	Header 3	1
Servo2	Header, 3-Pin	P4	LOCKEDHDR-3	Header 3	1
POWER	Header, 2-Pin	P5	T-CONNECTOR(M)	Header 2	1
Pn1 Pn2	Header, 3-Pin Header, 3-Pin	P6	LOCKEDHDR-3 LOCKEDHDR-3	Header 3 Header 3	1
Pn3	Header, 3-Pin	P8	LOCKEDHDR-3	Header 3	1
Pn4	Header, 3-Pin	P9	LOCKEDHDR-3	Header 3	1
Buzzer		P10	BUZ-9.0	Buzzer	1
CAMERA	Header, 10-Pin, Dual row	P?	HDR2X10_CEN	Header 10X2A	1
AO3400	N-Channel MOSFET	Q1	SO-G3/Z3.3	AO3400	1
56R	4x Resistor Array	R1	ARC241-0603x4	Res Array	1
6k2	Semiconductor Resistor	R2, R6	CR2012-0805	Res Semi	2
4k7	Semiconductor Resistor	R3, R7	CR2012-0805	Res Semi	2
1k5	Semiconductor Resistor	R4, R8	CR2012-0805	Res Semi	2
162k		R5 R9, R12	CR2012-0805	Res Semi Res Semi	1 2
4.7k 56R	Semiconductor Resistor Semiconductor Resistor	R10, R11	CR2012-0805 CR2012-0805		2
10K	Semiconductor Resistor	R13, R14, R24	CR2012-0805	Res Semi Res Semi	3
33R	Semiconductor Resistor	R15, R14, R24	CR2012-0805	Res Semi	1
		R16, R17, R18, R19, R25,			
330R	Semiconductor Resistor	R26	CR2012-0805	Res Semi	6
100k	Semiconductor Resistor Single-Pole, Single-Throw	R20, R21, R22, R23	CR2012-0805	Res Semi	4
RESET	Switch	SW1	PUSH SWITCH	SW-SPST	1
BOOT	Header, 3-Pin, Dual row	SW2	POWER SWITCH	Header 3X2	1
	STM32 ARM-based 32-bit				
	MCU with 128 Kbytes Flash, 64-pin LQFP,				
STM32F103RBT6	Industrial Temperature	U1	LQFP64_N	STM32F103RBT6	1
LM2670	5A Step-Down Switching	113 113	TO 262(7)	LM2670	
LM2679	Mode Voltage Regulator 800mA Low-Dropout	U2, U3	TO-263(7)	LM2679	2
LM1117MP-3.3	Linear Regulator	U4	MP04A_N	LM1117MP-3.3	1
8.00MHz	Crystal Oscillator	X1	BCY-W2/E4.7	XTAL	1

omment	Description	Designator	Footprint	LibRef	Quantity
V .	Typical RED GaAs LED		D0805	LED	1
	Typical RED GaAs LED Typical RED GaAs LED	2 A1, B1	D0805 D0805	LED LED	
		BOOT1	D0805	LED	1
	Single-Pole, Single-Throw	Button1, Button2	PUSH SWITCH	SW-SPST	2
	Single-Pole, Single-Throw				-
	Switch Typical RED GaAs LED	Button3	PUSH SWITCH D0805	SW-SPST LED	1
			20003		
	Capacitor (Semiconductor SIM Model)	C1, C9	CC2012-0805	Cap Semi	2
	Polarized Capacitor (Radial)	C2, C10	CAP10x12	Cap Pol DIP	2
		C3, C5, C6, C11, C12, C14,		Cap FOI DIF	2
		C15, C17, C18, C19, C20, C21, C22, C25, C27, C28	CC2012-0805	Cap Semi	16
00uF	Polarized Capacitor (Axial)	C4, C13	SV-H	Cap Pol SMD	2
	Capacitor (Semiconductor SIM Model)	C7, C8	CC2012-0805	Cap Semi	2
		c1, c0	CC2012-0003	Сар Зенн	2
	Capacitor (Semiconductor SIM Model)	C16	CC2012-0805	Cap Semi	1
	Capacitor (Semiconductor				
uF	SIM Model)	C23, C24	CC2012-0805	Cap Semi	2
			SMC D0805	D Schottky	2
	• •		FUSE SOCKET	LED Fuse	1
			CF3216-1206	Fuse	1
			FUSE SOCKET	Fuse	1
		JP1 JP2	LOCKEDHDR-3 LOCKEDHDR-3	Header 3 Header 3	1
		JP3	LOCKEDHDR-3	Header 3	1
PIO4	Header, 3-Pin	JP4	LOCKEDHDR-3	Header 3	1
otor1		JP5	LOCKEDHDR-4	Header 4	1
		JP6 JP7	LOCKEDHDR-4 LOCKEDHDR-4	Header 4 Header 4	1
		JP8	LOCKEDHDR-4	Header 4 Header 4	1
ART2	Header, 4-Pin	JP9	LOCKEDHDR-4	Header 4	1
uH			CL3225-1210	Inductor	2
		M1, M2, M3, M4 P2	SOT-23 HDR1X7	AO3400 Header 7	4
		P3	LOCKEDHDR-3	Header 7 Header 3	1
rvo2	Header, 3-Pin	P4	LOCKEDHDR-3	Header 3	1
OWER		P5	T-CONNECTOR(M)	Header 2	1
		P6 P7	LOCKEDHDR-3 LOCKEDHDR-3	Header 3 Header 3	1
		P8	LOCKEDHDR-3	Header 3 Header 3	1
		P9	LOCKEDHDR-3	Header 3	1
zzer		P10	BUZ-9.0	Buzzer	1
	Header, 10-Pin, Dual row N-Channel MOSFET		HDR2X10_CEN SO-G3/Z3.3	Header 10X2A AO3400	1
			SO-G3/Z3.3 ARC241-0603x4	AO3400 Res Array	1
		R2, R6	CR2012-0805	Res Semi	2
7	Semiconductor Resistor	R3, R7	CR2012-0805	Res Semi	2
5		R4, R8	CR2012-0805	Res Semi	2
			CR2012-0805 CR2012-0805	Res Semi Res Semi	1 2
2k	Semiconductor Resistor	R9 R12	CIVED 15-0003	ves aguii	1
2k	Semiconductor Resistor	R9, R12 R10, R11	CR2012-0805	Res Semi	,
2k 7k R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor	R10, R11 R13, R14, R24	CR2012-0805 CR2012-0805	Res Semi	3
2k 7k R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor	R10, R11 R13, R14, R24 R15			3
2k /k R K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor	R10, R11 R13, R14, R24	CR2012-0805	Res Semi	3 1 6
2k 7k R K R OR	Semiconductor Resistor	R10, R11 R13, R14, R24 R15 R16, R17, R18, R19, R25, R26	CR2012-0805 CR2012-0805	Res Semi Res Semi	3 1 6
2k 7k R K K R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw	R10, R11 R13, R14, R24 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805	Res Semi Res Semi Res Semi Res Semi	3 1 6 4
2k 7k R K K R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw	R10, R11 R13, R14, R24 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23	CR2012-0805 CR2012-0805 CR2012-0805	Res Semi Res Semi Res Semi Res Semi SW-SPST	3 1 6 4
2k rk R R K R OR OOR OOK	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit	R10, R11 R13, R14, R24 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH	Res Semi Res Semi Res Semi Res Semi	2 3 1 6 4 1
2k Tk R R K K R OR OR OK	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MCU with 128 Kbytes [13sh, 64-pin LQPP,	R10, R11 R13, R14, R24 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH	Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2	2 3 3 1 1 6 6 4 1 1 1 1 1
2k 7k R R K K R OR OOK M32F103RBT6	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MCU with 128 Kbytes Flash, 64-pin LQPF, Industrial Temperature	R10, R11 R13, R14, R24 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH	Res Semi Res Semi Res Semi Res Semi SW-SPST	2 3 3 3 1 1 6 6 4 4 1 1 1 1 1
2k 7k R R K K R OR OR OK SET M32F103RBT6	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MCU with 128 Kbytee Flash, 64-pin LQFP, Industrial Temperature AS step-Down Switching Mode Voltage Regulator	R10, R11 R13, R14, R24 R15 R15, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH	Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2	2 3 3 3 1 1 6 6 4 4 1 1 1 1 1 2 2 2
2k /k /k /R /R /K /K /R /K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MCU with 128 Kbytes Flash, 64-pin LQFP, Industrial Temperature \$A Step-Down Switching Mode Voltage Regulator Mode Voltage Regulator Mode Voltage Regulator Som A Low-Propout	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7)	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679	2 3 1 6 4 1 1 1
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 3 3 3 1 1 6 6 4 4 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7)	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679	2 2 3 3 3 1 1 6 6 4 4 1 1 1 1 1 2 2 1 1 1 1 1
2k k k R R R K K K R R R R R R R R R R R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 1 6 4 1 1 1 2
2k /k /k /R /K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
22k k k R R R R R R R R R R R R R R R R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 1 6 4 1 1 1 2
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 1 6 4 1 1 1 2
2k /k /k /R /K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 1 6 4 1 1 1 2
2k k k R R R K K K R R R R R R R R R R R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 3 1 1 6 6 4 4 1 1 1 1 1 2 2 1 1 1 1
2k k k R R R K K K R R R R R R R R R R R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2k k k R R R K K K R R R R R R R R R R R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 3 3 1 1 6 6 4 4 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1
2k /k /k /R /K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 1 1
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 1 1 1
2k k k R R R K K K R R R R R R R R R R R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 1 1 1
2k /k /k /R /K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 3 3 1 1 6 6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2k /k /k /R /K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 3 1 1 6 6 4 4 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1
2k /k /k /R /K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2k /k /k /R /K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 3 3 3 3 1 1 1 6 6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2k /k /k /R /K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 2 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 1 6 4 1 1 1 2 2
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 1 6 4 1 1 1 2 2
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 3 1 1 6 6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2k /k /k /R /K	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 1 6 4 1 1 1 2 2
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 1 6 4 1 1 1 2 1 1
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 3 1 1 6 6 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	
2k k k R R R K K K R R R R R R R R R R R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	
22k k k R R R R R R R R R R R R R R R R	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	
2k rk R R K R OR OR OK SET OOT M32F103RBT6 41117MP-3.3	Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor Single-Pole, Single-Throw Switch Header, 3-Pin, Dual row STM32 ARM-based 32-bit MC Uwith 128 kDytes Flash, 64-pin LQFP, industrial Temperature 5A step-Down Switching Mode Voltage Regulator Moom A Low-Dropout Linear Regulator	R10, R11 R13, R14, R24 R15 R15 R16, R17, R18, R19, R25, R26 R20, R21, R22, R23 SW1 SW2 U1 U2, U3	CR2012-0805 CR2012-0805 CR2012-0805 CR2012-0805 PUSH SWITCH POWER SWITCH LQFP64_N TO-263(7) MP04A_N	Res Semi Res Semi Res Semi Res Semi Res Semi SW-SPST Header 3X2 STM32F103RBT6 LM2679 LM1117MP-3.3	2 3 3 1 6 4 1 1 1 2 2 1 1