











Comment 15pF 1uF			Francist	120-6	O
	Description	Designator C1, C2	Footprint C0603	LibRef CAP NP_Dup6	Quantity 2
TUF		C1, C2	C0805	CAP NP_Dup6	1
	Capacitor	ω.	CU805	CAP NP_Dupo	,
10uf	(Semiconductor	C4	1206M	Cap Semi	1
	SIM Model)				
		C5, C6, C7, C8, C9,			
		C10, C11, C12, C13, C40, C43,			
		C46, C49, C50,			
	Capacitor	C51, C52, C53,			
0.1uf	(Semiconductor	C54, C55, C56,	0603M	Cap Semi	35
	SIM Model)	C57, C58, C59,			
		C60, C61, C62, C63, C64, C65,			
		C66, C67, C68,			
		C69, C70, C71			
	Capacitor,	C14, C15, C16,		0	
0.1uf	Capacitor (Semiconductor	C17, C18, C38, C39, C41, C42,	C0603	Capacitor_1, Cap Semi	13
	SIM Model)	C44, C45, C47, C48		Gerra	
0.1uF/100V	Capacitor	C19	C0603	Capacitor_1	1
47uF/ 100V	Capacitor	C20, C21	C6032	Capacitor_1	2
2.2uF/100V	3216-A	C22, C23	C1206	CP Dup1	2
39pF/ 100V	Capacitor	C24	C0603	Capacitor_1	1
6800pF/ 100V	Capacitor	C25	C0603	Capacitor 1	1
100nF	Capacitor	C26, C27, C31	C0603	Cap	3
10UF	3216-A				4
	OE 1070	C28, C30, C74, C75	C1206	CP_Dup1	
1UF		C29, C76	C0603	CAP	2
1uF	-	C32, C33	LC-1210	CP CP	2
2.2uF		C34, C35	LC-1210_C	CP	2
1uF		C36, C37	LC-1210_C	CP	2
2.2uF		C72, C73	C0805	CAP NP_Dup6	2
Header 3	Header, 3-Pin	COM1	HDR1X3	Header 3	1
		CON1, CON2,			
	I	CON3, CON4, CON5, CON6,		I	
Header 2	Header, 2-Pin	CON7, CON8,	HDR1X2	Header 2	13
1	I	CON9, CON10,		1	
		CON11, CON12, P2			
B560C		D1	LC-0805_LED_S1	DIODE	1
	Typical RED,				
LED1	GREEN, YELLOW, AMBER GaAs LED	DS1, DS2	Led_0805	LED2	2
Ferrite Beads		FB1, FB2, FB3,			
330/1A	Inductor	FB4, FB5, FB6	L0805	Inductor	6
Inductor	Inductor	L1	INDC4532L	Inductor	1
Header 4	Header, 4-Pin	P1	HDR1X4	Header 4	1
10K/NC		R1, R13	R0603	R_Dup4	2
1010140		R2, R3, R4, R9,			
		R10, R14, R15,			
		R39, R40, R41,			
10K	Desister.	R46, R47, R48,	D0000	D D 4 D 0	28
IUK	Resistor	R51, R54, R55, R56, R88, R89,	R0603	R_Dup4, Res2	28
		R92, R93, R94,			
		R95, R96, R97,			
		R98, R99, R100			
		R5, R6, R7, R8,			
0R	Resistor	R11, R12, R27, R28, R29, R37,	R0603	R_Dup2, Res2	15
UN	Residu	R43, R50, R78,	N0003	N_Dupz, Nesz	15
		R91, R101			
			R0603	D0	
500.0K	Resistor	R16	NU0U3	Res2	1
	Resistor Resistor	R16 R17	R0603	Res2	1
523K					
523K 13.0K	Resistor	R17 R18	R0603	Res2	1
523K 13.0K 10.0K	Resistor Resistor Resistor	R17 R18 R19, R84, R85	R0603 R0603	Res2 Res2	1 1 3
523K 13.0K 10.0K 162K	Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20	R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2	1
523K 13.0K 10.0K 162K	Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21	R0603 R0603 R0603	Res2 Res2 Res2	1 1 3
523K 13.0K 10.0K 162K	Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25,	R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2	1 1 3
523K 13.0K 10.0K 162K	Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61,	R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2	1 1 3
523K 13.0K 10.0K 162K	Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61, R62, R63, R64,	R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2	1 1 3
500.0K 523K 13.0K 10.0K 162K 84.5K	Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67,	R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2	1 1 3
523K 13.0K 10.0K 162K 84.5K	Resistor Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70,	R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2	1 1 3 1 1 1
523K 13.0K 10.0K 162K 84.5K	Resistor Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R73, R74, R75, R76, R77,	R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2	1 1 3 1 1 1
523K 13.0K 10.0K 162K 84.5K	Resistor Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R71, R73, R74, R75, R76, R77, R79, R80, R81,	R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2	1 1 3 1 1 1
523K 13.0K 10.0K 162K 84.5K	Resistor Resistor Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61, R68, R69, R70, R71, R73, R74, R75, R76, R77, R77, R78, R80, R81, R82, R83	R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2	1 1 3 3 1 1
523K 13.0K 10.0K 162K 84.5K	Resistor Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R59, R99, R90, R91, R95, R96, R97, R71, R73, R74, R75, R76, R77, R79, R90, R81, R82, R83, R24, R83	R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2	1 1 3 1 1 1
523K 13.0K 10.0K 162K 84.5K	Resistor Resistor Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R24, R58, R95, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R73, R74, R75, R76, R77, R79, R80, R81, R82, R83, R82, R83, R82, R83, R82, R83, R82, R83, R82, R83,	R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2	1 1 3 3 1 1
523K 13.0K 10.0K 162K 84.5K 100K	Resistor Resistor Resistor Resistor Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R59, R99, R90, R91, R95, R96, R97, R71, R73, R74, R75, R76, R77, R79, R90, R81, R82, R83, R24, R83	R0603 R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29
523K 13.0K 10.0K 162K 84.5K 100K	Resistor Resistor Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R26, R34, R58, R65, R66, R67, R68, R69, R70, R71, R73, R74, R75, R76, R77, R79, R80, R81, R82, R83 R82, R83 R82, R83 R84, R83 R85, R85, R83 R85, R85, R85, R85, R85, R85, R85, R85,	R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2	1 1 3 1 1 1 29
523K 13.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K	Resistor Resistor Resistor Resistor Resistor Resistor Resistor Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26 R34, R85 R59, R90, R61 R62, R34, R64 R65, R64, R65, R64, R65, R66, R67, R71, R73, R74, R75, R76, R77, R79, R80, R81, R82, R83 R24, R32 R35, R34, R35, R35, R35, R35, R35, R35, R35, R35	R0603 R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29
523K 13.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K	Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R26, R34, R58, R59, R60, R61, R62, R63, R64, R68, R67, R68, R69, R70, R71, R73, R74, R75, R76, R77, R78, R89, R89, R70, R81, R82, R83 R24, R84, R84, R85, R34, R85, R38, R87, R87, R87, R87, R87, R87, R87, R8	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 4 4
523K 13.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K	Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26 R34, R85 R59, R90, R61 R62, R34, R64 R65, R64, R65, R64, R65, R66, R67, R71, R73, R74, R75, R76, R77, R79, R80, R81, R82, R83 R24, R32 R35, R34, R35, R35, R35, R35, R35, R35, R35, R35	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 4
523K 13.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K	Resistor	R17 R18 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26 R34, R85 R59, R90, R61 R62, R34, R85 R59, R90, R61 R62, R33, R64 R65, R66, R67, R71 R73, R74, R75 R76, R80, R81, R82 R83 R84 R87, R87, R87, R87 R87 R87, R88, R89, R80, R81 R88, R89, R80, R81 R88, R89, R80, R81 R88, R89, R70, R71 R87 R87 R87 R87 R87 R87 R87 R87 R87 R887 R87 R	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 4 4
523K 13.0K 10.0K 162K 84.5K	Resistor	R17 R18 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26 R34, R85 R59, R90, R61 R62, R34, R85 R59, R90, R61 R62, R33, R64 R65, R66, R67, R71 R73, R74, R75 R76, R80, R81, R82 R83 R84 R87, R87, R87, R87 R87 R87, R88, R89, R80, R81 R88, R89, R80, R81 R88, R89, R80, R81 R88, R89, R70, R71 R87 R87 R87 R87 R87 R87 R87 R87 R87 R887 R87 R	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 4 4
523K 13.0K 10.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K 1.0K	Resistor	R17 R18 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26 R29, R36, R36, R36, R36, R36, R36, R36, R36	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 4 4
523K 13.0K 10.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K 1.0K	Resistor	R17 R18 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26 R34, R85 R59, R90, R61 R62, R34, R85 R59, R90, R61 R62, R33, R64 R65, R66, R67, R71 R73, R74, R75 R76, R80, R81, R82 R83 R84 R87, R87, R87, R87 R87 R87, R88, R89, R80, R81 R88, R89, R80, R81 R88, R89, R80, R81 R88, R89, R70, R71 R87 R87 R87 R87 R87 R87 R87 R87 R87 R887 R87 R	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 4 4
523K 13.0K 10.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K 1.0K	Resistor	R17 R18 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26 R29, R36, R36, R36, R36, R36, R36, R36, R36	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 4 4
523K 13.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K 1.0K	Resistor Res	R17 R18 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26 R29, R36, R36, R36, R36, R36, R36, R36, R36	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 4 4
S23K 13.0K 10.0K 16.2K 84.5K 100K NC 2.2K/ NC 12.0K 1.0K	Resistor	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R69, R60, R61, R62, R34, R64, R65, R64, R65, R64, R65, R66, R67, R71, R73, R74, R79, R80, R81, R82, R83, R84, R82, R83, R84, R84, R85, R64, R87, R76, R76, R76, R77, R79, R80, R81, R82, R83, R84, R32, R36, R37, R37, R39, R36, R37, R37, R36, R37, R36, R37, R37, R36, R37, R36, R37, R37, R36, R37, R37, R36, R	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 STM4QFP100_N	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 4 4 4
523K 13.0K 10.0K 16.0K 162K 84.5K 100K NC 2.2K/ NC 12.0K 1.0K 30K	Resistor Res	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34 R59, R90, R91, R94 R50, R34, R58, R59, R90, R91, R94 R65, R66, R67, R94 R65, R66, R67, R71, R73, R74, R92 R82, R83, R94, R95, R90, R81, R82, R83 R24, R32 R30, R31, R33, R35 R37 R37 R38, R48, R53, R87 R39 U1	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 S0603 R0603 R0603 R0603 R0603 STMLQFP100_N	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 24 4 4 4
\$23K 13.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K 1.0K 30K \$FM32F427VGT6	Resistor Res	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61, R64, R65, R64, R65, R64, R65, R66, R67, R71, R73, R74, R32 R25, R34, R35, R35, R34, R35, R35, R34, R35, R35, R35, R35, R35, R35, R35, R35	R0603 R0603 R0603 R0603 R0603 R0603 R0603 STMLQRP100_N SOP16M SOB	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 29 4 4 4 1
\$23K 13.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K 1.0K 30K \$\$SY332 \$\$SY3	Resistor Res	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26 R29, R36, R34, R85 R59, R60, R61, R64, R65, R64, R65, R64, R65, R64, R65, R66, R67, R71, R73, R74, R79, R80, R81, R82, R83 R24, R32 R35, R34, R34, R35, R35, R37, R37, R36, R37, R37, R37, R37, R37, R37, R37, R37	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 STM-LQFP100_N SOP16M SOB SOT223_N	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 24 4 4 4
\$23K 13.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K 1.0K 30K \$\$SY332 \$\$SY3	Resistor Res	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61, R64, R65, R64, R65, R64, R65, R66, R67, R71, R73, R74, R32 R25, R34, R35, R35, R34, R35, R35, R34, R35, R35, R35, R35, R35, R35, R35, R35	R0603 R0603 R0603 R0603 R0603 R0603 R0603 STMLQRP100_N SOP16M SOB	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 29 4 4 4 1
523K 13.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K 1.0K STM32F427VGT6 SP3232 TFS54360 LTFS54360 REF1930	Resistor Res	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26 R29, R36, R34, R85 R59, R60, R61, R64, R65, R64, R65, R64, R65, R64, R65, R66, R67, R71, R73, R74, R79, R80, R81, R82, R83 R24, R32 R35, R34, R34, R35, R35, R37, R37, R36, R37, R37, R37, R37, R37, R37, R37, R37	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 STM-LQFP100_N SOP16M SOB SOT223_N	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 29 4 4 4 4 1
S23K 13.0K 10.0K 10.0K 162K 84.5K 100K NC 2.2K/ NC 12.0K 1.0K 30K STM32F427VGT6 SP3232 TFSS4360 LT3088 REF1930 REF1930	Resistor Res	R17 R18 R18 R19, R84, R85 R20 R21 R21 R22, R23, R25, R29, R20 R24 R25, R25, R25 R26, R24 R27	R0603 R0603 R0603 R0603 R0603 R0603 R0603 STM-LQFP100_N SOP16M SO8 SOT223_N SOT23_5	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 24 4 4 4 1
523K 13.0K 10.0K 10.0K 162K 84.5K 100K NC 2 2K/ NC 12.0K 1.0K 30K STM32F427VGT6 SP3232 TPS54360 LT3088 REF1930 REF1930 RAG505XT_1WR2 A0512XT_1WR2	Resistor Res	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61, R62, R34, R64, R65, R64, R65, R64, R65, R66, R67, R71, R73, R74, R66, R67, R75, R76, R76, R77, R79, R80, R81, R82, R83, R84, R84, R84, R84, R84, R84, R84, R84	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 STM-LQFP100_N SOP16M SOB SOT23_N	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 29 4 4 4 4 1 1 1 1 1 1
S23K 13.0K 10.0K 10.0K 162K 84.5K 100K NC 2.2K/ NC 12.0K 1.0K 30K STM32F427VGT6 SP3232 TPSS4360 LT3088 REF1930 REF1930 RAGSGKT_1WR2 A05512XT_1WR2	Resistor Res	R17 R18 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R85 R59, R90, R91, R94, R95 R59, R90, R91, R94, R95 R59, R90, R91, R94, R95 R50, R94, R95 R80, R91, R94, R95 R81, R94, R95 R82, R83, R94, R95 R87, R97, R79, R90, R81, R82 R83 R87, R87, R79, R97, R97 R80, R81, R82, R83 R87 R87, R87, R97, R98, R91, R93, R94 R84, R82, R83 R87 R87 R87 R87 R87 R88 U11 U2 U3 U4 U2 U3 U5 U6 U6 U7 U8, U10, U12, U14, U19, U16, U17, U19, U16, U17, U19, U19, U19, U19, U19, U19, U19, U19	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 STM4-QFP100_N SOP16M SOB SOT223_N SOT23_S SOT23_N SOT23_S	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 24 4 4 4 1 1 1 1 1 2 1
523K 13.0K 10.0K 10.0K 162K 84.5K 100K NC 2.2K/ NC 12.0K 1.0K 30K STM32F427VGT6 SP3232 TPS54360 LT3088 REF1930 REF1930 AD505XT_1WR2 AD512XT_1WR2 AD5021	Resistor Res	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R69, R60, R61, R62, R34, R64, R65, R64, R65, R66, R67, R71, R73, R74, R32 R24, R32, R34, R34, R34, R34, R34, R34, R34, R34	R0603 STM-LQFP100_N SOP16M SOB SOT23_N SOT23_S S	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 29 4 4 4 4 1 1 1 1 1 1 1 8
523K 13.0K 10.0K 13.0K 10.0K 162K 84.5K 100K 100K 100K 100K 100K 100K 100K 10	Resistor AFM Cortex-M4 32-bs MCJ-4FPU, 210 DMIPS, 1024 BF Issta, 256 kB Internal FAM, 82 I/Os, 100-pn LGFP, 40 to 85 degC. Tray AD8021	R17 R18 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R85 R39, R60, R61, R34, R85, R39, R60, R61, R62, R63, R64, R65, R66, R67, R71, R73, R74, R32, R30, R31, R33, R35 R37 R37 R38, R45, R53, R84 R44, R52, R57, R76, R77, R79, R80, R81, R82, R83 R37 R44, R32, R30, R31, R33, R35 R47 R47 R47 R47 R48 R47 R48	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 STM-LQFP100_N SOP16M SO8 SOT223_N SOT23_5 A0505XT_1WR2 SOIC88 SOI8	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 24 4 4 4 1 1 1 1 2 1 1 1 8
523K 13.0K 10.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K 1.0K 30K STM32F427VGT6 SP3232 TPSS4360 LT3088 REF1930 A0505XT_1WR2 A0512XT_1WR2 AD8021 LDAC8803	Resistor Res	R17 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R58, R59, R60, R61, R62, R34, R64, R65, R64, R65, R66, R67, R71, R73, R74, R32 R24, R34, R35, R34, R35, R34, R35, R34, R35, R34, R35, R36, R36, R36, R36, R36, R36, R36, R36	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 STMLQPP100_N SOP16M SO8 SOT223 N SOT223 N SOT23 S A0505XT_1WR2 A0505XT_1WR2 SOC8 SOC98 SSOP28	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 29 4 4 4 4 1 1 1 1 1 1 1 1 8 8
523K 13.0K 10.0K 162K 84.5K 100K NC 2.2K/NC 12.0K	Resistor AFM Cortex-M4 32-bs MCJ-4FPU, 210 DMIPS, 1024 BF Issta, 256 kB Internal FAM, 82 I/Os, 100-pn LGFP, 40 to 85 degC. Tray AD8021	R17 R18 R18 R19, R84, R85 R20 R21 R22, R23, R25, R26, R34, R85 R39, R60, R61, R34, R85, R39, R60, R61, R62, R63, R64, R65, R66, R67, R71, R73, R74, R32, R30, R31, R33, R35 R37 R37 R38, R45, R53, R84 R44, R52, R57, R76, R77, R79, R80, R81, R82, R83 R37 R44, R32, R30, R31, R33, R35 R47 R47 R47 R47 R48 R47 R48	R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 R0603 STM-LQFP100_N SOP16M SO8 SOT223_N SOT23_5 A0505XT_1WR2 SOIC88 SOI8	Res2 Res2 Res2 Res2 Res2 Res2 Res2 Res2	29 29 24 4 4 4 1 1 1 1 2 1 1 1 8