Designator	Value	Comment	Description	Footprint	Quantity
	Value	PWM_Control	Header, 6-Pin	HDR1X6	1
[NoValue], *1, *2, *3, *4, *5		LM324AMX/NOPB			6
C1, C2, C3	1000pF	GRM188R71C102KA01D	CAP, CERM, 1000pF, 16V, +/-10%, X7R, 0603	0603L	3
C4	1uF	885012206052	CAP, CERM, 1 µF, 16 V, +/- 10%, X7R, 0603	0603L	1
C5	1uF	GRM188R70J105KA01D	CAP, CERM, 1 µF, 6.3 V, +/- 10%, X7R, 0603	0603L	1
C6	0.047uF	C1608X7S2A473K080A B	CAP, CERM, 0.047 µF, 100 V, +/- 10%, X7S, 0603	0603L	1
C7	0.1uF	GRM188R70J104KA01D	CAP, CERM, 0.1 µF, 6.3 V, +/- 10%, X7R, 0603	0603L	1
C8	0.1uF	GRM188R72A104KA35D	CAP, CERM, 0.1 µF, 100 V, +/- 10%, X7R, 0603	0603L	1
C9	4.7uF	GRM32ER71K475KE14L	CAP, CERM, 4.7 µF, 80 V, +/- 10%, X7R, 1210	1210_270L	1
C10, C13, C32, C36, C37, C38, C39, C40, C41, C42, C43, C44	0.1uF	0603YC104JAT2A	CAP, CERM, 0.1 µF, 16 V, +/- 5%, X7R, 0603	0603L	12
C11, C12	2.2uF	10V	C0805C225K8RACAUTO . 2.2μF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	2
C14, C16	100uF	Ceramic	Polarized Capacitor (Surface Mount)	CAPAE660X800N	2
C15, C17, C26, C33	0.1μF	10V	C0805C104K8RACTU. 0.1µF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	4
C18	10nF		C0805C103K8RAC7800. 10000pF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	1
C19	1uF		CL21B105KPFNNNE. 1µF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	1
C20, C21, C22, C23, C24	0.1uF		C0805C104K8RACTU. 0.1µF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	5
C25, C35	0.1uf	10V	C0805C104K8RACTU. 0.1µF ±10% 10V Ceramic Capacitor X7R 0805 (2012 Metric)	C0805	2
C27, C28, C29	2200pF	GRM188R71C222KA01D	CAP, CERM, 2200pF, 16V, +/-10%, X7R, 0603	0603L	3
C30, C31	28pF	50V	CBR08C409B5GAC, CBR08C409B5GAC. 4pF ±0.1pF 50V Ceramic Capacitor C0G, NPO 0805 (2012 Metric)	C0805	2
C34 D1	10uF Red	Cap LTST-C170KRKT	Capacitor LED, Red, SMD	C0805 LED_LTST-C170	1
P1 P2		74650094R x2 CAN	Header, 2-Pin Header, 4-Pin	HDR1X2 HDR1X4	1
P3		74650094R x3	Header, 3-Pin Header, 7-Pin	HDR1X3 HDR1X7	1
P5		PROGRAMMING DM3D-SF	CONN MICRO SD CARD	FP-DM3D-SF-MFG	1
		NMOS-2	PUSH-PULL N-Channel Power	TO-220AB	6
Q1, Q2, Q3, Q4, Q5, Q6 R1, R2, R5, R6, R7, R8, R10, R13, R14, R15, R17, R19, R23, R24,		N/103-2	MOSFET	10-220AB	0
R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41	0.007	CRE2512-FZ-R007E-3	RES SMD 0.007 OHM 1% 3W 2512	2512L	30
R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36,	0.007 75k	CRE2512-FZ-R007E-3 CRCW060375K0JNEA		2512L 0603L	30
R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41			1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W,		
R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41	75k	CRCW060375K0JNEA	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 1.5 k, 5%, 0.1 W,	0603L	2
R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41	75k 10k	CRCW060375K0JNEA CRCW060310K0JNEA	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 1.5 k, 5%, 0.1 W, 0603  RES, 330 ohm, 5%,	0603L	2
R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41 R3, R4	75k 10k 1.5k	CRCW060375K0JNEA CRCW060310K0JNEA CRCW06031K50JNEA	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 1.5 k, 5%, 0.1 W, 0603	0603L 0603L	2 1 1
R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41 R3, R4	75k 10k 1.5k 330	CRCW060375K0JNEA CRCW060310K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 1.5 k, 5%, 0.1 W, 0603  RES, 330 ohm, 5%, 0.1 W, 0603  RES, 330 ohm, 5%, 0.1 W, 10 W ohm, 5%, 0.1 W, 0603  ER-3GEY1103V. 10 kOhms ±5% 0.1 W, 1/1 W Chip Resistor 0603 (1608 Metric) Automotive AEC-Q200	0603L 0603L 0603L	2 1 1
R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41	75k 10k 1.5k 330	CRCW060375K0JNEA CRCW060310K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA 5%6	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 1.5 k, 5%, 0.1 W, 0603  RES, 330 ohm, 5%, 0.1 W, 0603  RES, 330 ohm, 5%, 0.1 W, 0603  RES, 368 0.1 W, 1/  10W Chip Resistor 0603 (1608 MeChical Color	0603L 0603L 0603L 0603L 31-0603	2 1 1 1 1 1 1
R25, R26, R27, R28, R25, R26, R27, R28, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41  R3, R4  R9  R11  R12	75k 10k 1.5k 330 120	CRCW060375K0JNEA CRCW060310K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA 5%	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603 RES, 10 k, 5%, 0.1 W, 0603 RES, 1.5 k, 5%, 0.1 W, 0603 RES, 3.30 ohm, 5%, 0.1 W, 0603 RES, 3.30 ohm, 5%, 0.1 W, 0603 RES, 3.60 ohm, 5%, 0.1 W, 10 W chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  REP.3GEY1103V. 10 KOMMS 4EC-Q200 Thick Film  REP.3GEY1103V. 10 W chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  REP.3GEY1103V. 10 Resistor 0703 (1608 Metric) Automotive AEC-Q200 Thick Film  RES, 56 ohm, 5%, 0.1 W, 10 MG 3 (1608 Metric) Automotive AEC-Q200 Thick Film  RES, 56 ohm, 5%, 0.1 W, 0603	0603L 0603L 0603L 0603L 31-0603	2 1 1 1 1
R25, R26, R27, R28, R25, R26, R27, R28, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41  R3, R4  R9  R11  R12  R16  R18  R20, R21, R22	75k 10k 1.5k 330 120 10K	CRCW060375K0JNEA CRCW060310K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA 5%  CRCW060356R0JNEA	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 1.5 k, 5%, 0.1 W, 0603  RES, 330 ohm, 5%, 0.1 W, 0603  ERJ-3GEYJ103V. 10 kOhms ±5% 0.1W, 1/ 10W Chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  ERJ-3GEYJ103V, 10 kOhms ±5% 0.1W, 1/ 10W Chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  Thick Film  RES, 36 ohm, 5%, 0.1W, 0603  RES, 56 ohm, 5%, 0.1W, 0603	0603L 0603L 0603L 0603L 31-0603 31-0603 0603L 0603L FP-NCP15-NCU15-0_05	2 1 1 1 1
R25, R26, R27, R28, R25, R26, R27, R28, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41  R3, R4  R9  R11  R12  R16  R18  R20, R21, R22  R39  R11, RT2, RT3, RT4, RT5, RT6, RT7, RT8	75k 10k 1.5k 330 120 10K	CRCW060375K0JNEA CRCW060310K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA 5%  5% CRCW060356R0JNEA CRCW060356R0JNEA	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 1.5 k, 5%, 0.1 W, 0603  RES, 3.30 ohm, 5%, 0.1 W, 0603  ERJ-3GEYJ103V. 10 kOhms ±5% 0.1W, 1/ 10W Chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  ERJ-3GEYJ103V. 10 kOhms ±5% 0.1W, 1/ 10W Chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  RES, 56 ohm, 5%, 0.1W, 0603  RES, 56 ohm, 5%, 0.1W, 0603  NTC Thermistor for Temperature Sensor, 900, 21%, 0604	0603L 0603L 0603L 0603L 31-0603 31-0603 0603L 0603L FP-NCP15-NCU15-0_05	2 1 1 1 1 1 1 1 3 3 1 1
R25, R26, R27, R28, R25, R26, R27, R28, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41  R3, R4  R9  R11  R12  R16  R18  R20, R21, R22  R39  R71, RT2, RT3, RT4, RT5, RT6, RT7, RT8	75k 10k 1.5k 330 120 10K	CRCW060375K0JNEA CRCW06031K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA  5%  CRCW060356R0JNEA  10k	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603 RES, 10 k, 5%, 0.1 W, 0603 RES, 10 k, 5%, 0.1 W, 0603 RES, 330 chm, 5%, 0.1 W, 0603 RES, 330 chm, 5%, 0.1 W, 0603 RES, 340 chm, 5%, 0.1 W, 0603 RES, 360 chm, 5%, 0.1 W, 10 W chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  ERI-3GEY1103V. 10 k0/ms ±5% 0.1 W, 1/1 10W Chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  RES, 56 chm, 5%, 0.1 W, 0603 RES, 56 chm, 5%, 0.1 W, 0603 NTC Themistor for Temperature Sensor, 0402, 478.0, 1%, 0.046mA, 5V	0603L 0603L 0603L 0603L 31-0603 31-0603 0603L 0603L FP-NCP15-NCU15-Q_05MFG PTS636 SM43 SMTR	2 1 1 1 1 3 3 1
R25, R26, R27, R28, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41  R3, R4  R9  R11  R12  R16  R18  R20, R21, R22  R39  R11, R12, R13, R14, R15, R16, R17, R18  S1  TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14	75k 10k 1.5k 330 120 10K	CRCW060375K0JNEA CRCW06031K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA  5%  CRCW060356R0JNEA CRCW060356R0JNEA 10k SW-PB 5002 DRV8323SRTAT	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 15 k, 5%, 0.1 W, 0603  RES, 15 k, 5%, 0.1 W, 0603  RES, 330 ohm, 5%, 0.1W, 0603  ER-3-GEV1103V, 10  kOhms ±5% 0.1W, 1/  10W Chip Resistor 0603 (1608 Metric)  Automotive AEC-Q200  Thick Film  ER-3-GEV1103V, 10  kOhms ±5% 0.1W, 1/  10W Chip Resistor 0603 (1608 Metric)  Automotive AEC-Q200  Thick Film  RES, 56 ohm, 5%, 0.1W, 1/  1.1W, 0603  RES, 56 ohm, 5%, 0.1W, 003  RES, 56 ohm, 5%, 0.1W, 003  NTC Thermistor for temperature Sensor, 0402, 47kG, 1%, 0.046mA, 5V  Switch  Test Point, Miniature, White, TH  Multiphase Motor Driver Power MOSFET SPI 40-  WQFN_ 56K6	0603L 0603L 0603L 0603L 0603L 31-0603 31-0603 0603L 0603L FP-NCP15-NCU15-0_05 MFG PTS636 SM43 SMTR LFS Keystone5002 QFNS0P600X600X80-41N415X415	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
R25, R26, R27, R28, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41  R3, R4  R9  R11  R12  R16  R18  R20, R21, R22  R39  R71, R72, R73, R74, R75, R76, R77, R78  S1  TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP7, TP6, TP7, TP8, TP7, TP8, TP7, TP12, TP12, TP12, TP12, TP12, TP12, TP14, TP12, TP12, TP14,	75k 10k 1.5k 330 120 10K	CRCW060375K0JNEA CRCW06031K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA  5%  CRCW060356R0JNEA  10k  SW-PB  5002  DRV8323SRTAT TJA1051T_3,118	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 330 ohm, 5%, 0.1 W, 0603  RES, 330 ohm, 5%, 0.1 W, 0603  RES, 340 ohm, 5%, 0.1 W, 0603  RES, 360 ohm, 5%, 0.1 W, 0603  RES, 360 ohm, 5%, 0.1 W, 10 W ohm, 545% 0.1 W, 10 W ohm, 545% 0.1 W, 17 OHM, 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  RES, 56 ohm, 5%, 0.1 W, 0603  RES, 56 ohm, 5%, 0.1 W, 0603  NTC Thermistor for Temperature Sensor, 0402, 47 KG, 1 %, 0.1 W, 0603  NTC Thermistor for Temperature Sensor, 0402, 47 KG, 1 %, 0.1 W, 0603  Test Point, Miniature, White, TH  Multiphase Motor Driver WookFET SPI 40-	0603L 0603L 0603L 0603L 31-0603 31-0603 31-0603L 0603L FP-NCP15-NCU15-0_05 MFG Keystone5002 QFNS0P600X600X80-41N415X415 SOICIL27P600X175-8N	2 1 1 1 1 3 3 1 1 8 1 14
R25, R26, R27, R28, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41  R3, R4  R9  R11  R12  R16  R18  R20, R21, R22  R39  R11, R12, R13, R14, R15, R16, R17, R18  S1  TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14	75k 10k 1.5k 330 120 10K	CRCW060375K0JNEA CRCW06031K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA  5%  CRCW060356R0JNEA CRCW060356R0JNEA 10k SW-PB 5002 DRV8323SRTAT	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603 RES, 10 k, 5%, 0.1 W, 0603 RES, 10 k, 5%, 0.1 W, 0603 RES, 330 ohm, 5%, 0.1 W, 0603 RES, 330 ohm, 5%, 0.1 W, 0603 RES, 340 ohm, 5%, 0.1 W, 0603 RES, 360 ohm, 5%, 0.1 W, 10 W chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  ERJ-3GEY1103V. 10 kohms ±5% 0.1 W, 1/10W Chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  RES, 56 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10 RES, 56 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10 RES, 56 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10 RES, 56 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10 RES, 56 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10 RES, 56 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10 RES, 56 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10 RES, 56 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10 RES, 56 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10 RES, 56 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10 RES, 0.1 W, 10	0603L 0603L 0603L 0603L 0603L 31-0603 31-0603 0603L 0603L FP-NCP15-NCU15-0_05 MFG PTS636 SM43 SMTR LFS Keystone5002 QFNS0P600X600X80-41N415X415	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
R25, R26, R27, R28, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41  R3, R4  R9  R11  R12  R16  R18  R20, R21, R22  R39  R71, R72, R73, R74, R75, R76, R77, R78  S1  TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10,	75k 10k 1.5k 330 120 10K	CRCW060375K0JNEA CRCW06031K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA  5%  5%  CRCW060356R0JNEA  10k  5W-PB  5002  DRV8323SRTAT  TJA1051T_3,118 STM327405RGTGTR TJV1117-33JDCYR INA180	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603 RES, 10 k, 5%, 0.1 W, 0603 RES, 10 k, 5%, 0.1 W, 0603 RES, 330 ohm, 5%, 0.1 W, 0603 RES, 330 ohm, 5%, 0.1 W, 0603 RES, 340 ohm, 5%, 0.1 W, 0603 RES, 360 ohm, 5%, 0.1 W, 10 W ohm, 50 ohm, 5%, 0.1 W, 10 ohm, 5%, 0.1 W, 10 ohm, 5%, 0.1 W, 0603 RES, 56 ohm, 5%, 0.1 W, 10	0603L 0603L 0603L 0603L 31-0603 31-0603 31-0603L 0603L 0603L FP-NCP15-NCU15-0_05 MFG PTS636 SM43 SMTR LFS Keystone5002 QFNS0P600X600X80-4 11M15X415 SOIC127P600X175-8N STM32F40SRGTGTR SOT230P700X180-4N INA180	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
R25, R26, R27, R28, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41  R3, R4  R9  R11  R12  R16  R18  R20, R21, R22  R39  R11, R12, R13, R14, R15, R16, R17, R18  S1  TPL, TP2, TP3, TP4, TP5, TP6, TP1, TP1, TP1, TP1, TP1, TP1, TP1, TP1	75k 10k 1.5k 330 120 10K	CRCW060375K0JNEA CRCW060310K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA  5%  5%  CRCW060356R0JNEA  10k  SW-PB  5002  DRV8323SRTAT  TJA1051T 3,118 STN32F403SRGTGTR TLY117-33IDCYR INA180 LIS3DHTR	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 10 k, 5%, 0.1 W, 0603  RES, 13 k, 5%, 0.1 W, 0603  RES, 330 ohm, 5%, 0.1 W, 0603  RES, 330 ohm, 5%, 0.1 W, 10 W, 0603  RES, 360 ohm, 5%, 0.1 W, 17 W Chip Resistor 0603 (1608 Metric) Automotive AEC-Q200 Thick Film  ERJ-3GEYJ103V. 10 kOhms ±5% 0.1 W, 17 W Chip Resistor 0600 ohm, 15% 0.1 W, 17 W Chip Resistor 0600 ohm, 15% 0.1 W, 10 W Chip Resistor 0600 ohm, 15% 0.1 W, 10 W Chip Resistor 0600 ohm, 15% 0.1 W, 10 W Chip Resistor 0600 ohm, 15% 0.1 W, 0603  RES, 56 ohm, 5%, 0.1 W, 0603  NTC Thermistor for temperature Sensor, 0402, 47kQ, 1%, 0.046mA, 5V  Switch  Test Point, Miniature, White, TH  Multiphase Motor Driver Power MCSFET SP1 40-WGN_050_  Integrated Circuit  Integrated Circuit  Integrated Circuit  Integrated Circuit  Sense Amplifier  Accelerometer	0603L 0603L 0603L 0603L 0603L 31-0603 31-0603 0603L 0603L 0603L FP-NCP15-NCU15-0_05 MFG PTS636 SM43 SMTR LFS Keystone5002 QFN50P600X600X80-41N415X415 SOTC23P690X175-8N STM32F469SRT6TR SOTC23P6700X180-4N INA180 LISSDHTR	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
R25, R26, R27, R28, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R40, R41  R3, R4  R9  R11  R12  R16  R18  R20, R21, R22  R39  R71, R72, R73, R74, R75, R76, R77, R78  S1  TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10,	75k 10k 1.5k 330 120 10K	CRCW060375K0JNEA CRCW06031K0JNEA CRCW06031K50JNEA CRCW0603330RJNEA  5%  5%  CRCW060356R0JNEA  10k  5W-PB  5002  DRV8323SRTAT  TJA1051T_3,118 STM327405RGTGTR TJV1117-33JDCYR INA180	1% 3W 2512  RES, 75 k, 5%, 0.1 W, 0603 RES, 10 k, 5%, 0.1 W, 0603 RES, 10 k, 5%, 0.1 W, 0603 RES, 310 k, 5%, 0.1 W, 0603 RES, 320 ohm, 5%, 0.1 W, 0603 RES, 320 ohm, 5%, 0.1 W, 10 W	0603L 0603L 0603L 0603L 0603L 31-0603 31-0603 0603L 0603L FP-NCP15-NCU15-0_05 MFG WFG FSF636 SM43 SMTR LFS Keystone5002 QFNS0P600X600X80-41NH15X415 SOIC12PP600X175-8N STM32F405RGT6TR SOIC12P960X175-8N	2 1 1 1 1 3 3 1 1 8 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1