













1206	Comment	Description	Designator	Footprint	LibRef	Quantity
CS, CA, CELL, CLU, CLU, CLU, CLU, CLU, CLU, CLU, C	18PF		C1, C2, C7	0603	CAP	3
CHA CTS, CHA, CTP. CTR. (19) C. (27) C. (27) C. (28) C	2.2UF			1206	CAP	:
CAC   COS   CAS   CAT						
CARL CES, CAR, CARL, C						
Section   Sect	100N			0603	CAP	31
COR. C.						
December						
TOOLED   CID COD   CID C						
CAD   CAD   CAD   CAD   CAD   CAD						3
CSD, CSZ, CS4, CS5, De03	1000UF-10V			RB.2/.4	CAP_POL	2
Cap	10UE			0603	CAP	10
100N						
100N						1
100F						1
Case						3
1001-509						
111	10UF-50V		C36			1
APP   C.66						1
1000UF-16V						4
DIT						2
DIT, DIS, DIP						
EMBRE 28W   04   SOD-123   DIODE    EMBRE 39W   06   SOD-123   DIODE    STASS   DIODE   DIODE    INSESZ   DIODE   DIODE   DIODE			D17, D18, D19			8
DIODE   DIODE						3
ZEMER 3 N						1
BTASS   DB, D9   SOT.28   BTASS   TZT   SY   D10   MNN-MELF   D10DE   D11   MNN-MELF   D10DE   D12   MNN-MELF   D12   MNN-	ZENER 3.9V				DIODE	1
DIO						2
INSEZ2	Z7.5V		D10	MINI-MELF	DIODE	1
BRIGG				MINI-MELF		1
DEBUIG						1
RJ-45						1
DESPITED   DESTRUCTION   DES	RJ-45		J3			1
RESTOLICH  BLCD  FPC 0.5 SOFIN  CAPTOLICH  FPC 6.5 SOFIN  CAPTOLICH  FPC 6.5 SOFIN  CAPTOLICH  FPC 6.5 SOFIN  CAPTOLICH  FPC 6.5 SOFIN  CAPTOLICH  FPC 0.5 SOFIN  CAPTOLICH  CAPTOLIC						1
BLLCD						1
PPC 0.5 SOPIN						1
PC-6-TOP-1MM	FPC 0.5 50PIN					1
FERRIT-GOOR	CAP TOUCH	FPC-6-TOP-1MM				1
10UH	10UH					3
100NH						1
17.18   SELF 7MM   SELF						
Perrite-bead			11.6	1206	SELE	1 1
BC337 NPH-SMD MM8T3906 0 02 BC337 NPH-SMD MM8T3906 0 02 BC337 NPH-SMD NM8T3904 0 03 BC337 NPH-SMD NM8T3904 0 03 BC337 NPH-SMD NM8T3904 0 03 BC337 NPH-SMD NM8T3904 NPM-SMD NM9T3904 NPM-SMD NM9T3						1 2
MMB13906 02 86337 PPL-SMD MMB13906 033 86337 NPM-SMD 2 2K R1 R2 0603 RES 11 NPM-SMD 100R R3, R8 1206 RES 11 NPM-SMD 100R R3, R8 1206 RES 11 NPM-SMD 100R R5 R4, R5, R26, R39, R47 10603 RES 12 NPM-SMD	4.7UH Ferrite-bead		L7, L8 L9	SELF_7MM 0805	SELF Ferrite-bead	2 1
MMBT3904	4.7UH Ferrite-bead 220UH		L7, L8 L9 L10	SELF_7MM 0805 SELF_SMD_CD75	SELF Ferrite-bead SELF	2 1 1
R1, R2	4.7UH Ferrite-bead 220UH BC337		L7, L8 L9 L10 Q1	SELF_7MM 0805 SELF_SMD_CD75 BC337	SELF Ferrite-bead SELF NPN-SMD	2 1 1 1
IK	4.7UH Ferrite-bead 220UH BC337 MMBT3906		L7, L8 L9 L10 O1	SELF_7MM 0805 SELF_SMD_CD75 BC337 BC337	SELF Ferrite-bead SELF NPN-SMD PNP-SMD	1 1 1 1
RES   Page   P	4.7UH Ferrite-bead 220UH BC337 MMBT3906 MMBT3904 2.2K		L7, L8 L9 L10 O1 O2 O3 R1, R2	SELF_7MM 0805 SELF_SMD_CD75 BC337 BC337 BC337 0603	SELF Ferrite-bead SELF NPN-SMD PNP-SMD NPN-SMD RES	2 1 1 1 1 1 1 2
A.TK	4.7UH Ferrite-bead 220UH BC337 MMBT3906 MMBT3904 2.2K		L7, L8 L9 L10 O1 O2 Q3 R1, R2 R3, R8	SELF_7MM 0805 SELF_SMD_CD75 BC337 BC337 BC337 0603	SELF Ferrite-bead SELF NPN-SMD PNP-SMD NPN-SMD RES	2 1 1 1 1 1 1 2
DNI	4.7UH Ferrite-bead 220UH BC337 MMBT3906 MMBT3904 2.2K	[NoValue], RES	L7, L8 L9 L10 O1 O2 O3 R1, R2 R3, R8 R4, R5, R26, R39, R47,	SELF_7MM 0805 SELF_SMD_CD75 BC337 BC337 BC337 BC337 0603 1206	SELF Ferrite-bead SELF NPN-SMD PNP-SMD NPN-SMD RPN-SMD RES RES	2 1 1 1 1 1 2 2
120R	4.7UH Ferrite-bead 220UH B0337 MMBT3906 MMBT3904 2.2K 100R	[NoValue], RES	L7, L8 L9 L10 O1 O2 O3 R1, R2 R3, R8 R4, R5, R26, R39, R47, R52	SELF_7MM 0805 SELF_SMD_CD75 BC337 BC337 BC337 0603 1206 0603	SELF Ferrite-bead SELF NPN-SMD PNP-SMD NPN-SMD RES RES RES	2 1 1 1 1 1 1 2 2
10K	4.7UH Ferrite-bead 220UH BC337 MMBT3906 MMBT3904 2.2K 100R IK 4.7K DNI	[NoValue], RES	L7, L8 L9 L10 Q1 Q2 Q3 R1, R2 R3, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49	SELF_7MM 0805 SELF_SMD_CD75 BC337 BC337 BC337 0603 1206 0603	SELF Ferrite-bead SELF NPN-SMD PNP-SMD NPN-SMD NPN-SMD RES RES RES RES	2 1 1 1 1 1 2 2
IX         [NoValue], RES         R17, R23, R48         1206         RES           47K         RES         R18, R19, R20, R21, 603         RES           82R         RES         R24         1206         RES           10K         [NoValue], RES         R27, R28, R29, R30, 603         RES           10K         RES         R27, R28, R29, R30, 603         RES           12X         RES         R31         0603         RES           2, 7R-1R         RES         R32, R33         0603         RES           5, 1K         RES         R34         0603         RES           80R         RES         R40         0603         RES           10R         RES         R40         0603         RES           51K         RES         R45         0603         RES           10R         RES         R40         0603         RES           4, 7K         RES         R45         0603         RES           330R         ARM Cortex-M4 32-         0603         RES           DMMPS, 1024 kB Flash, 114 LOF, 144-pin         LOF, 40 to 85 deg.         177         STM3-LOFP144_N         STM3-LOFP144_N         STM32F429ZGT6           MT48LC16M16A2	4.7UH Ferrite-bead 220UH BC337 MMBT3906 MMBT3904 2.2K 100R 1K 4.7K DNNI 4.7R	[NoValue], RES	L7, L8 L9 L10 O1 O2 O3 R1, R2 R3, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11	SELF_7MM 0805 SELF_SMD_CD75 BC337 BC337 BC337 0603 1206 0603 1206 1206 1206	SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD RES RES RES RES RES RES RES RES RES	2 1 1 1 1 1 2 2 2 6 5 5
## RES   R18, R19, R20, R21,   0603   RES   ## RES   R24   1206   RES   ## RES   R27, R28, R29, R30,   R27, R28, R29, R30,   R28, R36, R37, R41,   0603   RES   ## RES   R31   0603   RES   ## RES   R31   0603   RES   ## RES   R32, R33   0603   RES   ## RES   R32, R33   0603   RES   ## RES   R34   0603   RES   ## RES   R38   0603   RES   ## RES   R44   0603   RES   ## RES   R45   0603   RES	4.7UH Ferrite-bead 220UH BC337 MMBT3906 MMBT3904 2.2K 1000R 1K 4.7K DNI 4.7R		L7, L8 L9 L10 Q1 Q2 Q3 R1, R2 R3, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R12	SELF_7MM 0805 SELF_SMD_CD75 BC337 BC337 BC337 BC337 0603 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF NPN-SMD PNP-SMD NPN-SMD NPN-SMD RES	2 1 1 1 1 1 1 2 2 2 6 5 5 2 2
### RES   R24   1206   RES   RES   R274   1206   RES   RES   R274   1206   RES   RES   R274   R278, R29, R30, RES   R278, R29, R30, RES   R278, R28, R28, R31   0603   RES   R278, R218   R288, R288   R288, R288   R288, R288   R	4.7UH Ferrite-bead 220UH BC337 BC337 BC337 BC337 BC337 BC37 BC37	[NoValue], RES	L7, L8 L9 L10 O1 O2 Q3 R1, R2 R3, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11 R12 R14, R25	SELF_TMMM 0805 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 0603 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD RES	2 1 1 1 1 1 1 2 2 2 2 6 6 5 2 2 2 2
NoValue , RES	4.7UH Ferrite-bead 220UH 8C337 MMBT3906 MMBT3904 2.2K 100R 1K 4.7K DNII 4.7R 120R	[NoValue], RES [NoValue], RES	L7, L8 L9 L10 O1 O2 O3 R1, R2 R8, R8 R4, R5, R26, R39, R47, R5 R6, R7, R15, R16, R49 R9, R13 R10, R11 R12 R12 R14, R25 R17, R23, R48	SELF 7MM 0805 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF Ferrite-bead SELF Ferrite-bead SELF FERRITE SELF FERRITE FERRIT	2 1 1 1 1 1 1 2 2 6 6 5 5 2 2 2 2 3
Novalue , RES   R35, R36, R37, R41, R41   R42, R43, R44   R42, R43, R44   R42, R43, R44   R45, R45, R45, R45, R45, R45, R45, R45,	4.7UH Ferrite-bead 220UH 8C337 MMBT3906 MMBT3904 2.2K 100R 1K 4.7K DNII 4.7R 120R	[NoValue], RES [NoValue], RES	1.7, 18 1.9 1.10 O1 O2 O3 R1, R2 R3, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11 R12 R14, R25 R17, R23, R48 R17, R23, R48 R18, R19, R20, R21,	SELF 7MM 0805 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF Ferrite-bead SELF Ferrite-bead SELF FERRITE SELF FERRITE FERRIT	2 1 1 1 1 1 1 2 2 2 2 6 6 5 2 2 2 2
1.2K RES R31 0603 RES 2.7R-1R RES R32, R33 0603 RES 8.5 NK RES R34 0603 RES 8.5 NK RES R34 0603 RES 8.5 NK RES R38 0603 RES 8.5 NK RES R38 0603 RES 8.5 NK RES R46 0603 RES 8.5 NK RES R46 0603 RES 8.5 NK RES R45 0603 RES 8.5 NK RES	4.7UH Ferrite-bead 220UH BC327 BMM5T3906 MMM5T3906 MMM5T3906 MMM5T3901 11 K 4.7K DNI 4.7R 120R 100K	[NoValue], RES [NoValue], RES RES	1.7, 18 1.9 1.10 0.1 0.2 0.3 0.8 18, 18, 2 18, 18, 18, 18, 18, 18, 18, 18, 18, 18,	SELF 7MM 00005 SELF SMD_CD75 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 1206	SELF   Ferrite-bead   SELF   Ferrite-bead   SELF   NPN-SMD   PNP-SMD   NPN-SMD   NPN-SMD   RES	2 1 1 1 1 1 1 2 2 6 6 5 5 2 2 2 2 3
1.2K	4 7UH Ferrite-bead 220UH B0337 MMB13906 MMB13906 MMB13906 IK 4 7K DDN 4 4 7R 1100R 110K IK 4 7K BBR 120R	[NoValue], RES [NoValue], RES RES	1.7.18 1.9 1.10 0.1 0.2 0.3 R1, R2 R3, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11 R12 R12, R14, R25 R17, R23, R48 R18, R19, R20, R21, R22 R24 R24 R27, R26, R29, R30,	SELF 7MM 00055 SELF SMD_CD75 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF Ferrite-bead SELF Ferrite-bead SELF SELF SELF SELF SELF SELF SELF SELF	2 2 1 1 1 1 1 1 1 2 2 2 2 6 6 5 2 2 2 2 1 1 2 2 3 3 5 5 1 1
2.7R-1R RS R32, R33 0603 RES 5.1K RES 934 0603 RES 820R RES 838 0603 RES 10R RES R40 0603 RES 11K RES R40 0603 RES 11K RES R45 0603 RES 11K RES R5	4 7UH Ferrite-bead 220UH B0337 MMB13906 MMB13906 MMB13906 IK 4 7K DDN 4 4 7R 1100R 110K IK 4 7K BBR 120R	[NoValue], RES [NoValue], RES RES	1.7, 18 109 110 01 02 03 181, R2 183, R8 184, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11 R11 R11, R25 R14, R25 R14, R25 R17, R23, R48 R18, R19, R20, R21, R22 R24 R27, R28, R29, R30, R35, R36, R37, R41,	SELF 7MM 00055 SELF SMD_CD75 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF Ferrite-bead SELF Ferrite-bead SELF SELF SELF SELF SELF SELF SELF SELF	2 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2
5.1K RES R34 0603 RES  B20R RES R38 0603 RES  10R RES R40 0603 RES  51K 0FS R45 0403 0603 RES  51K 0FS R45 0403 RES  4.7K 0FS R45 0603 RES  330R RES R46 0603 RES  330R RES R46 0603 RES  330R RES R46 0603 RES  330R ARM Cortex-M4 32-  bit MCU+FPU, 225  DMMS, 1024 KE Flash,  114 //0s, 144-pin  1.0FP, -40 to 85 degc,  Tray  MT48LC16M16A2P-75  EL817 U2 TSOP-54 MT48LC16M16A2P-75  EL817 U3, U6 DIP4 TLP521  ADM2587 U4 SOIC20 W AM02582  SM712 AT45DB161E-SSHD U7 852  AT45DB161E-SSHD U7 852  AT45DB161E-SSHD U9 TSSOP-16 ADS7843  U9 TSSOP-16 ADS7843  U10 DP4K REG  IM11177 3 U13, U11 TO -525  IM1117 AP3031  IM1177 D-525  IM17576 AP3031  IM1376 DP4K REG  IM11177 D-525  IM17576 AP3031  IM137676	4 7UH Ferrite-bead 220UH B0337 MMB13906 MMB13906 MMB13904 2 2 /K 100R 11K 4 .7K DNI 4 .7R DNI 14 /R 110K 11K 82R	[NoValue], RES [NoValue], RES RES RES [NoValue], RES	1.7.18 1.9 1.10 0.1 0.2 0.3 R1,R2 R3,R8 R4,R5,R26,R39,R47,R52 R6,R7,R15,R16,R49 R9,R13 R10,R11 R12 R17,R23,R48 R14,R25 R17,R23,R48 R18,R19,R20,R21,R22,R24 R24 R27,R26,R29,R30,R35,R36,R37,R41,R32,R43,R41,R42,R43,R44,R42,R43,R44,R42,R43,R44,R42,R43,R44,R44	SELF 7MM 00055 SELF SMD_CD75 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 0603	SELF Ferrite-bead SELF Ferrite-bead SELF Ferrite-bead SELF FERRITE SELF FERRITE RPS-SMD NPN-SMD NPN-SMD NPN-SMD RES	2 2 1 1 1 1 1 1 1 2 2 2 2 6 6 5 2 2 2 2 1 1 2 2 3 3 5 5 1 1
10R	4.7UH Ferrite-bead 220UH BC337 BC37 BC	[NoValue], RES [NoValue], RES RES RES [NoValue], RES	1.7, LB 1.9 1.10 0.1 0.2 0.3 R1, R2 R3, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11 R12 R14, R25 R17, R23, R48 R14, R25 R17, R23, R48 R27, R26, R29, R30, R35, R36, R37, R41, R42, R43, R44 R31 R31	SELF_YMM 0805  SELF_SMD_CD75  BC337  BC337  BC337  BC337  BC337  0603  1206  1206  1206  1206  1206  1206  1206  0603  1206  0603	SELF Ferrite-bead SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD NPN-SMD RES	2 2 1 1 1 2 2 2 2 3 3 5 5 1 1 1 1 2 2 2 2 3 3 5 5 1 1 1 1 2 2 3 3 3 5 5 1 1 1 1 2 2 3 3 3 5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1
STM	4.7UH Ferrite-bead 220UH 80337 MMB13906 MMB13906 MMB13901 2.2K 100R 11K 4.7K DNI 12L20R 10K 14.7R 12L20R 10K 11K 4.7R 12L20R 10K 11K 4.7R 12L20R 10K 12L20R 10K 12L20R 10K 12L20R 10K 15L5 15L5 15L5 15L5 15L5 15L5 15L5 15L	[NoValue], RES [NoValue], RES RES RES [NoValue], RES RES RES RES	1.7, 1.8 1.9 1.10 0.1 0.2 0.3 3.1, 1.7 0.2 0.3 3.1, 1.7 0.2 0.3 1.8, 1.7 0.3 1.8, 1.7 0.3 1.8, 1.7 0.3 1.8, 1.7 0.3 1.8, 1.7 1.8,	SELF_YMM 0805 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 0603 1206 0603	SELF Ferrite-bead SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD NPN-SMD NPN-SMD RES	2 1 1 1 1 1 2 2 3 3 3 5 1 1 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 2 2 1
4.7K RES R46 0603 RES  100R P50, R53, R54, R55 0603 RES  330R RES 0603 RES  330R RES 0603 RES  ARM Cortex-M4 32- bit MCU+FPU, 225 DMMPS, 1024 k6 Flash, 114 //05, 144-pin LOFP, -40 to 85 degc, Tray  MT48LC16M16A2P-75  EB17 U3, U6 DIP4 TLP521  ADM/S87 U4 SOIC20, W AM/D2582  SM712 U5 S01-23 SM712  AT45DB161E-SSHD U7 852  AT45DB161E-SSHD U7 852  AT45DB161E-SSHD U8 SOIC23-  AT45DB161E-SSHD U8 SOIC23-  AT45DB161E-SSHD U9 TSSOP-16 ADS7843  U9 TSSOP-16 ADS7843  U10 DPAK REG  IM1117-3.3 U11 TO-525  IM1177  AP3031  IM1576-AD  IM2576-AD  IM2576	4.7UH Ferrite-bead 220UH BC327 BC37 MM8T3906 MM8T3906 MM8T3904 2.2 K 4.7K DNI 4.7R DNI 4.7R 120R 110K 11K 4.7K 120R 110K 11 K 4.7K 2.7R 120R 120R 120R 120R 120R 120R 120R 120	[NoValue], RES [NoValue], RES RES RES RES RES RES RES	1.7, LB 1.9 1.10 0.1 0.2 0.3 R1, R2 8.3, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R90, R13 R10, R11 R12 R17, R23, R48 R14, R25 R17, R23, R48 R17, R23, R48 R27, R26, R29, R20, R30, R37, R41, R42, R43, R44 R31 R31 R32, R33 R34 R34 R34 R38	SELF 7MM 00055 SELF SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 0603 1206 0603 0603	SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF FERRITE FE	2 1 1 1 1 1 2 2 2 3 3 3 5 5 1 1 1 1 2 2 2 3 3 1 1 1 1 2 2 3 1 1 1 1
RSO, RSJ, RS4, RS5   0603   RES	4.7UH Ferrite-bead 220UH BC3270UH BC3270UH BC337 MMM513906 MMM513906 MMM513906 IK 4.7K DDII 4.7R DDII 4.7R 120R 100K IK 4.7K 4.7R 120R 10K IK 4.7K 8.2R 10K 12K 5.7K 8.2R 10K	[NoValue], RES [NoValue], RES RES RES (NoValue], RES RES RES RES RES RES	1.7.1.8 1.9 1.10 0.1 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	SELF 7MM 0805 SELF SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 0603 1206 0603 0603 0603	SELF	2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1
ARM Cortex-M4 32- bit MCU-FUL 25- DMIPS, 1024 kB Flash, 256 kB Internal RAM, 114 /US, 144-pin LGPP, -40 to 85 degC, Tray  MT48LC16M16A2P-75  U2  TSOP-54  MT48LC16M16A2P-75  U3, U6  DIP4  TIP521  ADM2587  U4  SOIC20_W  AM02582  M712  U5  SOT-23  SM712  J5  SOT-23  SM712  J7  SSE2  AT45D8161E-SSHD  U7  852  AT45D8161E-SSHD  U7  852  AT45D8161E-SSHD  U7  852  AT45D8161E-SSHD  U7  SSE3  AT45D8161E-SSHD  U7  SSE3  AT45D8161E-SSHD  U7  SSE3  AT45D8161E-SSHD  U7  BS2  AT45D8161E-SSHD  DW3  AW3  AW3  AW3  AW3  AW3  AW3  AW	4.7UH Ferrite-bead 220UH BC327 BC37 MM8T3906 MM8T3906 MM8T3904 2.2 K 4.7K DNI 4.7R DNI 4.7R 120R 110K 11K 4.7K 120R 110K 11 K 4.7K 2.7R 120R 120R 120R 120R 120R 120R 120R 120	[NoValue], RES [NoValue], RES RES [NoValue], RES RES [RES] RES RES RES RES RES RES	1.7, LB 1.9 1.10 0.1 0.2 0.3 R1, R2 R3, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11 R12 R12, R14, R25 R17, R23, R48 R14, R25 R17, R23, R48 R27, R28, R29, R30, R37, R41, R42, R43, R44 R31 R31 R32, R33 R34 R34 R38 R40 R45	SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 0603 1206 0603 0603 0603 0603 0603	SELF Ferrite-bead SELF NPN-SMD PNP-SMD NPN-SMD NPN-SMD RES	2 1 1 1 1 1 2 2 2 3 3 5 5 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1
Bit MCU-FPU, 225   DMPS, 1024 & Flash,   STM-LQFP144_N   STM-2F429ZGT6   STM32F429ZGT6   256 kB Internal RAM,   U1   STM-LQFP144_N   STM32F429ZGT6   STM32F4	4.7UH Ferrite-bead 220UH BC337 Errite-bad 220UH BC337 Errite-bad 220UH BC337 Errite-bad 220UH BC337 Errite-bad	[NoValue], RES [NoValue], RES RES [NoValue], RES RES [RES] RES RES RES RES RES RES	1.7, 18 19 110 01 02 03 RI, R2 83, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11 R11, R25 R14, R25 R27, R26, R29, R30, R31, R41, R42, R43, R44 R31 R32, R33 R34 R38 R34 R38 R34 R36 R36 R46 R46 R46 R46 R46 R46 R46 R46 R46 R4	SELF_YMM 08055 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 C603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD NPN-SMD RES	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DMMPS, 1024 kB Flash   256 kB Internal RAM, 114 /05, 144-pin   LOFP, 40 to 85 degC.   Tray	4 7.UH Ferrite-bead 220UH BC337 BC37 BC	[NoValue], RES [NoValue], RES RES RES [NoValue], RES RES RES RES RES RES RES RES RES	1.7, 18 19 110 01 02 03 RI, R2 83, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11 R11, R25 R14, R25 R27, R26, R29, R30, R31, R41, R42, R43, R44 R31 R32, R33 R34 R38 R34 R38 R34 R36 R36 R46 R46 R46 R46 R46 R46 R46 R46 R46 R4	SELF_YMM 08055 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 C603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD NPN-SMD RES	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
STM32F429ZGT6	4 7.UH Ferrite-bead 220UH BC337 BC37 BC	[NoValue], RES [NoValue], RES RES RES [NoValue], RES RES RES RES RES RES RES RES RES RES	1.7, 18 19 110 01 02 03 RI, R2 83, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11 R11, R25 R14, R25 R27, R26, R29, R30, R31, R41, R42, R43, R44 R31 R32, R33 R34 R38 R34 R38 R34 R36 R36 R46 R46 R46 R46 R46 R46 R46 R46 R46 R4	SELF_YMM 08055 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 C603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD NPN-SMD RES	2 2 2 2 2 2 2 2 2 3 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
114 //Os, 144-pin   LOFP, -40 to 85 degC, Tray	4 7.UH Ferrite-bead 220UH BC337 BC37 BC	[NoValue], RES [NoValue], RES RES RES [NoValue], RES RES RES RES RES RES RES RES RES RES	1.7, 18 19 110 01 02 03 RI, R2 83, R8 R4, R5, R26, R39, R47, R52 R6, R7, R15, R16, R49 R9, R13 R10, R11 R11, R25 R14, R25 R27, R26, R29, R30, R31, R41, R42, R43, R44 R31 R32, R33 R34 R38 R34 R38 R34 R36 R36 R46 R46 R46 R46 R46 R46 R46 R46 R46 R4	SELF_YMM 08055 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 C603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD NPN-SMD RES	2 2 2 2 2 2 2 2 2 3 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LOPP, -40 to 85 degC,   Tray	4.7UH Ferrite-bead 220UH B0C337 MMMB13906 MMB13906 MMB13907 MMB13908 11K 4.7K DNI 11K 4.7K DNI 11K 4.7K DNI 11K 4.7R 12CR 10K 11.2CR 10K	[NoValue], RES [NoValue], RES RES RES (NoValue], RES RES RES RES RES RES RES RES RES RES	1.7.18 1.9 1.10 0.1 0.2 0.3 1.17 0.2 0.3 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.	SELF_YMM 08055 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 0603 1206 0603 0603 0603 0603 0603 0603	SELF Ferrite-bead SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD NPN-SMD RES	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MT48LC16M16A2P-75  U2  TSOP-54  MT48LC16M16A2P-75  EL817  U3, U6  DIP4  TLP521  ADM2587  U4  SOIC20_W  AMD2582  MT12  U5  SOT-23  SM712  AT45DB161E-SHD  U7  8S2  AT45DB161E-SHD  U7  8S2  AT45DB161E-SHD  U8  SOT23-5  TPS61040  U8  SOT23-5  TPS61040  D9  TSSOP-16  ADS7843  U9  TSSOP-16  ADS7843  U10  DPAK  REC  MT117-3.3  U11  TO-252  LM1117  AP3031  U33, U14  SOT23-6  AP3031  LM2576	4.7UH Ferrite-bead 220UH B0C337 MMMB13906 MMB13906 MMB13907 MMB13908 11K 4.7K DNI 11K 4.7K DNI 11K 4.7K DNI 11K 4.7R 12CR 10K 11.2CR 10K	[NoValue], RES [NoValue], RES RES RES RES RES RES RES RES RES RES	1.7.18 1.9 1.10 0.1 0.2 0.3 1.17 0.2 0.3 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.	SELF_YMM 08055 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 0603 1206 0603 0603 0603 0603 0603 0603	SELF Ferrite-bead SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD NPN-SMD RES	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
ELB17 U3, U6 DIP4 TLP521  ADMZ587 U4 SDICZO_W AMDZ582  MX172 U5 SDT-23 SM712  AT45DB161E-SSHD U7 852 AT45DB161E-SSHD  TP561040 U8 SDT23-5 TP561040  ADS7843 U9 TSSOP-16 AD57843  ZRMDS U110 DPAK REG  IM1117-3.3 U11 TO-252 IM1177  AP3031 U13, U14 SDT23-6 AP3031  IM2576-ADJ U15 CAS795-6	4.7UH Ferrite-bead 220UH B0C337 MMMB13906 MMB13906 MMB13907 MMB13908 11K 4.7K DNI 11K 4.7K DNI 11K 4.7K DNI 11K 4.7R 12CR 10K 11.2CR 10K	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.18 1.9 1.10 0.1 0.2 0.3 1.17 0.2 0.3 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.	SELF_YMM 08055 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 0603 1206 0603 0603 0603 0603 0603 0603	SELF Ferrite-bead SELF Ferrite-bead SELF NPN-SMD NPN-SMD NPN-SMD NPN-SMD RES	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
ADMZ587 U4 SDIC20_W AMDZ582 SM712 U5 SD1-23 SM712 AT45DB161E-SSHD U7 852 AT45DB161E-SSHD U7 852 AT45DB161E-SSHD U8 SD123-5 IT961040 U8 SD123-5 IT961040 U8 SD123-5 IT961040 U8 SD123-5 IT961040 U8 SD123-6 IT961040 U9 TSSOP-16 ADS7843 U9 TSSOP-16 ADS7843 U10 DPAR REG U10 DPAR REG U10 DPAR REG MU1117-3.3 U11 TO-252 LM1117 AP3031 U13, U14 SD123-6 AP3031 LM2576-ADJ U15 CASF996A LM2576	4 7.UH Ferrite-bead 220.UH B0.377 B0.379 B0.379 MMBT3906 MMBT3906 MMBT3906 MMBT3907 IK 4.7K DON IK 4.7K DNI IK 4.7K DNI IC	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.1.8 1.9 1.10 0.1 0.2 0.3 1.11 0.2 0.3 1.17 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	SELF 7MM 00055 SELF SMD_CD75 BC377 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 0603 1206 0603 0603 0603 0603 0603 0603 0603 0	SELF	2 2 2 2 2 3 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ADMZ587 U4 SDIC20_W AMDZ582 SM712 U5 SD1-23 SM712 AT45DB161E-SSHD U7 852 AT45DB161E-SSHD U7 852 AT45DB161E-SSHD U8 SD123-5 IT961040 U8 SD123-5 IT961040 U8 SD123-5 IT961040 U8 SD123-5 IT961040 U8 SD123-6 IT961040 U9 TSSOP-16 ADS7843 U9 TSSOP-16 ADS7843 U10 DPAR REG U10 DPAR REG U10 DPAR REG MU1117-3.3 U11 TO-252 LM1117 AP3031 U13, U14 SD123-6 AP3031 LM2576-ADJ U15 CASF996A LM2576	4 7.UH Ferrite-bead 220.UH B0.377 B0.379 B0.379 MMBT3906 MMBT3906 MMBT3906 MMBT3907 IK 4.7K DON IK 4.7K DNI IK 4.7K DNI IC	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.1.8 1.9 1.10 0.1 0.2 0.3 1.11 0.2 0.3 1.17 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	SELF 7MM 00055 SELF SMD_CD75 BC377 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 0603 1206 0603 0603 0603 0603 0603 0603 0603 0	SELF	2 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1
AT45DB161E-SSHD U7 852 AT45DB161E-SSHD IPS61040 U8 S0723-5 IPS61040 ADS7843 U9 ISSOP-16 ADS7843 U9 ISSOP-16 ADS7843 U10 DPAK REG INITITY IN TO-252 (M1117 APA031 U13, U14 S0723-6 AP3031 UN3, U15 CASF936A UM2576 ADS7864 ADS7864 AP3031 ADS7864 AP3031 ADS7864 AP3031 ADS7864 AP3031 ADS7864 AP3031 ADS7866 AP3031 AP303	4 7.UH Ferrite-bead 220.UH B.C.37 B.C.37 MMB13906 MMB13906 MMB13906 MMB13906 IK 4 7.R 100R 10R 11.R 4 7.R 12.R 12.R 12.R 12.R 12.R 12.R 12.R 13.R 13.R 13.R 13.R 13.R 13.R 13.R 13	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.1.8 1.9 1.10 0.1 0.2 0.3 1.17 0.2 0.3 1.17 0.2 0.3 1.17 1.17 1.17 1.17 1.17 1.17 1.17 1.	SELF_TMM 00005 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead  SELF Ferrite-bead  SELF NPN-SMD PPN-SMD NPN-SMD RES	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
TPS61040	4 7.UH Ferrite-bead 220.UH B.0377 B.0379 B.0379 MMB13906 MMB13906 MMB13906 IK MMB13906 IK MMB13906 IK H 4.7K DNI H 4.7K DNI H 4.7K DNI IK 4.7K DNI IC	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.1.8 1.9 1.10 0.1 0.2 0.3 1.11 0.2 0.3 1.11 0.2 0.3 1.11 0.2 1.2 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	SELF_TMM 00005 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF FERRITE SIMD NPN-SMD NPN-SMD RES	
ADS7843 U.9 TSSOP-16 ADS7843 78805 U.10 DPAK REG	4.7UH Ferrite-bead 220UH B0C337 MMB13906 MMB13906 MMB13907 MMB13908 11K 4.7K DNI 11K 4.7K DNI 11K 4.7R 120R 10K 11K 4.7R 120R 10K 11K 4.7R 10K	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.18 1.9 1.10 0.1 0.2 0.3 1.17 0.2 0.3 1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.	SELF_TMM 0805 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 1206	SELF   Ferrite-bead	
78M05 U10 DPAK REG LM1117-3.3 U11 TO-252 LM1117 APR3031 U13, U14 S0T23-6 AP3031 LM2576-AD) U15 CASE936A LM2576	4 7.UH ferrite-bead 220.UH BC3270.UH BC3270.UH BC3270.UH BC3270.UH BC3270.UH BC3377 MM/BT3906 MM	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.1.8 1.9 1.10 0.1 0.2 0.3 1.11 0.2 0.3 1.17 0.2 0.3 1.18 1.18 1.2 1.3 1.3 1.4 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	SELF_TMM 00005 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF FERRITE SIMD NPN-SMD NPN-SMD RES	
LM117.3.3 U11 T0-252 LM1117 AP3031 U13, U14 S0T23-6 AP3031 LM2576-ADJ U15 CASE936A LM2576	4.7UH Ferrite-bead 220UH BC3270UH BC3270UH BC3270UH BC3270UH BC3270UH BC3270UH BC3270UH BC3270UH BC3270UH BC3370UH BC370UH BC37	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.18 1.9 1.10 0.1 0.2 0.3 0.3 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	SELF_TMM 08055 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 BC337 BC337 BC337 D6603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead  SELF Ferrite-bead  SELF NPN-SMD PNP-SMD NPN-SMD NPN-SMD RES	2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
AP3031 U13, U14 SOT23-6 AP3031 LM2576-ADJ U15 CASE936A LM2576	4 7.UH Ferrite-bead 220.UH 8.220.UH 8.237 MMBT3906 MMBT3906 MMBT3907 2.2 /K 100R 11 /K 14 /K 15 /K 16 /K 16 /K 17 /K 18 /K 17 /K 18 /K 19 /K 10 /K 18 /K 10 /K 18 /K 10	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	L7. LB L9 L10 C1 C2 C3 R3, R8 R4, R5, R26, R39, R47, R52 R8, R8, R5, R26, R39, R47, R52 R8, R8, R15, R16, R49 R9, R13 R12 R17, R23, R48 R14, R25 R17, R23, R48 R18, R19, R20, R21, R20, R21, R22 R24 R24 R27, R26, R29, R30, R35, R36, R37, R41, R42, R43, R44 R31 R31 R34 R31 R34 R35 R36 R37 R37 R37 R38 R40 R45 R45 R46 R50, R53, R54, R55 R51 U1 U2 U2 U3 U3 U4 U5 U7 U8	SELF_TMM 00055 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF FERRITE SELF SELF RES	2 2 2 2 2 2 2 3 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LM2576-ADJ U15 CASE936A LM2576	4.7UH Ferrite-bead 220UH BC3270UH BC3270UH BC337 MMM513906 MMM513906 MMM513906 MMM513906 MMM513906 IK 4.7K JOR	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.1.8 1.9 1.10 0.1 0.2 0.3 3.1.7.2 0.3 3.1.7.2 0.3 3.1.7.2 0.3 3.1.7.2 0.3 3.1.7.2 0.3 3.1.7.2 0.3 3.1.7.2 0.3 3.1.7.2 0.3 3.1.7.2 0.3 3.1.7.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	SELF_TMM 00005 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead SELF NPN-SMD PNP-SMD NPN-SMD NPN-SMD RES	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
RMH7 ( IX1 IVTAL 1 IVTAL I	4.7UH Ferrite-bead 220UH BC3270UH BC3270UH BC3377 MMM5T3906 MMM5T3906 MMM5T3906 MMM5T3906 MMM5T3906 11K 4.7K 100R 11K 4.7K 120R 10K 11K 4.7K 10K 1.2K 1.2K 1.2K 1.2K 1.2K 1.2K 1.2K 1.2	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.1.8 1.9 1.10 0.1 0.2 0.3 1.81, R.2 1.83, R.8 1.82, R.8, R.26, R.99, R.47, R.52 1.80, R.81, R.16, R.16, R.19 1.81, R.2 1.81	SELF_TMM 00005 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 BC337 BC337 1206 0603 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead  SELF NPN-SMD PNP-SMD NPN-SMD NPN-SMD RES	2 2 2 2 2 2 2 2 2 2 3 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
BUZZER X2 BUZZER BUZZER	4.7UH Ferrite-bead 220UH BC327 BC37 BMBT3906 BMMST3906 BMMST3906 BMMST3906 BMMST3907 LV	[NoValue], RES [NoValue], RES RES RES [ROValue], RES RES RES RES RES RES RES DMIFS, 1024 MB Flash, 2024 MB Flas	1.7.18 1.9 1.10 0.1 0.2 0.3 R1, R2 R3, R8 R4, R5, R26, R39, R47, R52 R8, R8, R5, R26, R39, R47, R52 R8, R7, R15, R16, R49 R9, R13 R12 R17, R23, R48 R14, R25 R17, R23, R48 R17, R23, R49 R27, R26, R29, R30, R35, R36, R37, R41, R42, R43, R44 R31 R31 R34 R31 R34 R34 R35 R34 R36 R46 R47 R47, R26, R29, R30, R35, R36, R37, R41, R42, R43, R44 R31 R31 R34 R35 R34 R35 R34 R35 R36 R40 R45 R46 R47 R47 R47 R47 R48 R49	SELF_TMM 00055 SELF_SMD_CD75 BC337 BC337 BC337 BC337 BC337 BC337 1206 0003 1206 1206 1206 1206 1206 1206 1206 1206	SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF Ferrite-bead  SELF FERRITE SELF SELF RES	2 2 2 2 2 3 3 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1