Cit   Care Code Code Code Code Code Code Code Cod	Bipolar_transistor_tester_1.0 HeV 1.0				
100   Car Co		-		·	
Circ Card Card Card Card Card Card Card Card					
Carl Cast Cast Casts Ges 66  10 DE COR DO 10  10 DE COR DO 10  11 DE COR DO 10  12 DE COR DO 10  13 DE VITATA DO 10 DE TITE DO 11 5000 1 7/10 from Intercents 100 DE COR DO 10	C19			'	
DE 100 00 00	C1 C2 C3 C4 C5 C6 C9 C17 C18 C20 C21 C22 C23 C24 C25 C26 C27 C28 C29 C30 C31 C32 C33 C35 C36				
SECTION   Control   Cont				<u> </u>	
14   14   14   14   14   16   16   16	D1 D2 D8 D9				
HI 12 LO 16	D3 D4 D7 D10 D11				
Col. 102   Col. 104   Col. 104   Col. 105   Col. 104   Col. 105	D5 D6 D12 D13	4	1N4744A	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal	
14 1	H1 H2 H3 H4 H5 H6	6	MountingHole	MountingHole:MountingHole_3.2mm_M3	
112 19 19 19 19 19 19 19 19 19 19 19 19 19	IC1 IC2 IC3 IC4 IC5	5	OPA454	Package_SO:SOIC-8-1EP_3.9x4.9mm_P1.27mm_EP2.29x3mm	
15   15   15   19   19   10   10   10   10   10   10	J1	1	KF2510_7pin	Connector_KF2510:KF2510_7pin	
14   15   15   15   10   10   10   10   10	J12	1	KF2510_3pin	Connector_KF2510:KF2510_3pin	
12   13   14   12   12   13   14   12   13   14   12   13   13   14   13   13   13   13   13	J15 J16 J19 J20				
	J17 J18 J23 J24	4	KF2510 2pin	Connector KF2510:KF2510 2pin	
1	J2 J13 J14 J21				
14 J. 5 J. 6 J. 7 J. 8 J. 9 J. 10 J. 11 J. 28 J. 26 J. 27 J. 28 J. 29 J. 10 J. 11 J. 28 J. 26 J. 27 J. 28 J. 29 J. 10 J. 11 J.	J22				
1   TMV12150				·	
2   A03401A   Package, TO, SOT, SMD, SOT, 23					
22 066 23 AO3-011 Package, TO, SOT, SMD, SOT, 23 24 FFR6024 Package, TO, SOT, SMD, TO-582-2 25 FFR6024 Package, TO, SOT, SMD, TO-582-2 26 FFR6024 Package, TO, SOT, SMD, TO-582-2 26 FFR6024 Package, TO, SOT, SMD, TO-582-2 27 FFR6024 Package, TO, SOT, SMD, TO-582-2 28 FFR6024 Package, TO, SOT, SMD, TO-582-2 29 FFFR6024 Package, TO, SOT, SMD, TO-582-2 29 FFFFR6024 Package, TO, SOT, SMD, TO-58-2 29 FFFFFR6024 Package, TO, SOT, SMD, TO-58-2 29 FFFFFR6024 Package, TO, SOT, SMD, TO-58-2 29 FFFFFR604 Package, TO, SO	<u> </u>				
2   IRFR0024   Package, TO, SOT, SMD, TO, 252-2				-	
IRF640	Q2 Q6				
Residence	Q3 Q7	2	IRFR9024	Package_TO_SOT_SMD:TO-252-2	
RISB RAD NET HAM HAS FABRED RSZ PLAS HOSE RSZ TASE RST RES RST 168 DRS RSZ PRO RST 169 TO RS RS RSZ PRO RST 169 CR 169	Q4 Q8	2	IRF640	Package_TO_SOT_SMD:TO-252-2	
	R1 R2 R4 R7 R8 R9 R10 R15 R16 R21 R22 R25 R26 R27 R28 R30 R32 R33 R34 R36 R39 R40 R41 R44 R45 R48 R50 R52 R54 R56 R57 R58 R61 R65 R66 R67 R68 R72 R73 R74 R75 R80 R81 R86 R87 R90 R91 R92 R94 R96 R97 R98 R100				
R19 R14  2 2 1 W 0.5W Reistor_THT:R_Axia_DIN0309_L9.0mm_D3.2mm_P12.70mm_Hotzo ntall Reistor_SMDR_0805_2012Metric Reistor_SMDR_0805_2					
Intal					
Resistor, SMD-R, 0805, 2012Metric   Resistor, SMD-R, 0805, 2012M	R13 R14	2	2 1% 0.5W	l	
10k 1 %   Resistor_SMDR_0805_2012Metric	R17 R18 R82 R83	4	2.2k		
10k 1 %   Resistor_SMDR_0805_2012Metric   Rasistor_SMDR_0805_2012Metric   Rasistor_SMDR_0805	R19 R20	2	200 1%	Resistor_SMD:R_0805_2012Metric	
1 0,1 1% 0,5 W Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizonary Resistor_SMDrR_0805_2012Metric Resistor_SMDrR_	R23 R24	2	10k 1%		
R8 R64 R69	R29				
Intal	R3 R64 R69			ntal	
Intal   Resistor_SMD:R_0805_2012Metric     R83 R43 R43 R49 R102	R31 R78 R79	3	10 1% 0.5W	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizo	
R37	R35 R95			ntal	
Resistor_SMD.PL_0805_2012Metric	R37				
1   100M 1   1   100M 1   1   Resistor, SMD-R, 0805, 2012 Metric     R46 R62 R63   3   1   100M 1   1   Resistor, SMD-R, 0805, 2012 Metric     R47   1   200k 1   4   270   Resistor, SMD-R, 0805, 2012 Metric     R5 R6 R70 R71   4   270   Resistor, SMD-R, 0805, 2012 Metric     R5 R6 R70 R71   4   270   Resistor, SMD-R, 0805, 2012 Metric     R51   1   11   16   Resistor, SMD-R, 0805, 2012 Metric     R53   1   10   19   Resistor, SMD-R, 0805, 2012 Metric     R55   1   10   19   Resistor, SMD-R, 0805, 2012 Metric     R59 R60   2   200k   Resistor, SMD-R, 0805, 2012 Metric     R84 R85   2   20k 1   Resistor, SMD-R, 0805, 2012 Metric     R88 R89   2   20k 1   Resistor, SMD-R, 0805, 2012 Metric     R88 R89   2   20k 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R89   1   10M 1   Resistor, SMD-R, 0805, 2012 Metric     R80					
R46 R62 R63   3   1M 1%   Resistor_SMD:R_0805_2012Metric     R47					
R87					
Resistor_SMD:R_0805_2012Metric					
1   1 1 1 1					
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
1   100 1 %   Resistor_SMD:R_0805_2012Metric	R51				
R69 R60         2         200k         Resistor_SMD:R_0805_2012Metric           R84 R85         2         20k 1%         Resistor_SMD:R_0805_2012Metric           R88 R89         2         20M 1%         Resistor_SMD:R_0805_2012Metric           R93         1         10M 1%         Resistor_SMD:R_0805_2012Metric           R99         1         5 1% 0.5W         Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal           RV1         1         PV32H103         Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical           RV2         1         PV32H203         Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical           U1 U11 U12 U22 U31 U34         6         CPC1977         OptoDevice:I4-PAC           U17 U48         2         INA118         Package_DIP:DIP-8_W7.62mm           U18         1         ISO124P         Package_DIP:DIP-8-16_W7.62mm           U2 U4 U5 U6 U7 U8 U9 U10 U13 U14 U15 U16 U19 U20 U24 U26 U27 U28 U29 U30         27         PVN012         Package_DIP:DIP-6_W7.62mm           U2 U2 U3 U32 U33 U43 U44 U45 U46 U47         8         PVG612         Package_DIP:DIP-6_W7.62mm           U25         1         OPO7         Package_DIP:DIP-8_W7.62mm	R53				
R84 R85         2         20k 1%         Resistor_SMD:R_0805_2012Metric           R88 R89         2         20M 1%         Resistor_SMD:R_0805_2012Metric           R93         1         10M 1%         Resistor_SMD:R_0805_2012Metric           R99         1         5 1% 0.5W         Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizo ntal           RV1         1         PV32H103         Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical           RV2         1         PV32H203         Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical           U1 U11 U12 U22 U31 U34         6         CPC1977         OptoDevice:i4-PAC           U17 U48         2         INA118         Package_DIP:DIP-8_W7.62mm           U18         1         ISO124P         Package_DIP:DIP-8-16_W7.62mm           U2 U4 U5 U6 U7 U8 U9 U10 U13 U14 U15 U16 U19 U20 U24 U26 U27 U28 U29 U30         27         PVN012         Package_DIP:DIP-6_W7.62mm           U21         1         AD549         Package_DIP:DIP-6_W7.62mm           U23 U32 U33 U43 U44 U45 U46 U47         8         PVG612         Package_DIP:DIP-6_W7.62mm           U25         1         OP07         Package_DIP:DIP-8_W7.62mm	R55				
R88 R89         2         20M 1%         Resistor_SMD:R_0805_2012Metric           R99         1         5 1% 0.5W         Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizo ntal           RV1         1         PV32H103         Potentiometer_THT:Potentiometer_Boums_3339H_Vertical           RV2         1         PV32H203         Potentiometer_THT:Potentiometer_Boums_3339H_Vertical           U1 U11 U12 U22 U31 U34         6         CPC1977         OptoDevice:i4-PAC           U17 U48         2         INA118         Package_DIP:DIP-8_W7.62mm           U18         1         ISO124P         Package_DIP:DIP-8-16_W7.62mm           U2 U4 U5 U6 U7 U8 U9 U10 U13 U14 U15 U16 U19 U20 U24 U26 U27 U28 U29 U30         27         PVN012         Package_DIP:DIP-6_W7.62mm           U21 U21 U23 U32 U33 U43 U44 U45 U46 U47         1         AD549         Package_DIP:DIP-6_W7.62mm           U23 U32 U33 U43 U44 U45 U46 U47         8         PVG612         Package_DIP:DIP-6_W7.62mm           U25         1         OP07         Package_DIP:DIP-8_W7.62mm	R59 R60	2	200k	Resistor_SMD:R_0805_2012Metric	
1   10M 1%   Resistor_SMD:R_0805_2012Metric     1   5   1% 0.5W   Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizo ntal     1   7   7   7   7   7   7   7     1   7   7   7   7   7     1   7   7   7   7     1   7   7   7   7     1   7   7   7   7     1   7   7   7     1   7   7   7     1   7   7   7     1   7   7   7     1   7   7   7     1   7   7   7     1   7   7     1   7   7   7     1   7	R84 R85	2	20k 1%	Resistor_SMD:R_0805_2012Metric	
1   5   1% 0.5W   Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizo ntal   PV32H103   Potentiometer_THT:Potentiometer_Boums_3339H_Vertical   PV32H203   PV	R88 R89	2	20M 1%	Resistor_SMD:R_0805_2012Metric	
ntal     PV32H103   Potentiometer_THT:Potentiometer_Boums_3339H_Vertical   PV32H203   PVIN118   Package_DIP:DIP-8_WT.62mm   PVIN118   Package_DIP:DIP-8_WT.62mm   PVIN12   PVIN13   PVIN14   PVIN15   P	R93	1	10M 1%	Resistor_SMD:R_0805_2012Metric	
PV32H103   Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical     PV32H203   Potentiometer_THT:Potentiometer_THT:Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical     PV32H203   Potentiometer_THT:Potentiometer_THT:Potentiometer_THT:Potentiometer_ThT:Potentiometer_THT:Potentiometer_THT:Potentiometer_ThT:Potentiometer_ThT:Potentiometer_Bourns_3339H_Vertical     PV32H203   Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical     PV32H203   Potentiometer_THT:Potentiometer_ThT:Potentiometer_Bourns_3339H_Vertical     PV32H203   Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical     PV32H203   Package_DIP:DIP-6_W7.62mm     PV32H203   Potentiometer_Bourns_14	R99	1	5 1% 0.5W		
PV32H203   Potentiometer_THT:Potentiometer_Boums_3339H_Vertical     PV32H203   Potentiometer_Boums_3339H_Vertical     PV32H203   Package_DIP:DIP-8_WT.62mm     PV32H203   Package_DIP:DIP-6_WT.62mm     PV32H203   Package_DIP:DIP-6_WT.62mm     PV32H203   PV32H203   Package_DIP:DIP-6_WT.62mm     PV32H203   Package_DIP:DIP-6_WT.62mm     PV32H203   PV32H203   Package_DIP:DIP-6_WT.62mm     PV32H203	RV1	1	PV32H103	· · · · · · · · · · · · · · · · · · ·	
U1 U1 U12 U22 U31 U34   6 CPC1977   OptoDevice:i4-PAC     U17 U48   2   INA118   Package_DIP:DIP-8_W7.62mm     U18   1   ISO124P   Package_DIP:DIP-8-16_W7.62mm     U2 U4 U5 U6 U7 U8 U9 U10 U13 U14 U15 U16 U19 U20 U24 U26 U27 U28 U29 U30 U36 U37 U38 U39 U40 U41 U42     U21   1   AD549   Package_DIP:DIP-6_W7.62mm     U23 U32 U33 U43 U44 U45 U46 U47   8 PVG612   Package_DIP:DIP-6_W7.62mm     U25   U27 U38 U39	RV2				
Duty 148   2   INA118   Package_DIP:DIP-8_W7.62mm   Duty 14   U5 U6 U7 U8 U9 U10 U13 U14 U15 U16 U19 U20 U24 U26 U27 U28 U29 U30 U36 U37 U38 U39 U40 U41 U42   U21   Duty 14 U45 U46 U47   Duty 15 U46 U7 U8 U9 U10 U13 U14 U15 U16 U19 U20 U24 U26 U27 U28 U29 U30 U36 U37 U38 U39 U40 U41 U42   Duty 15 U33 U32 U33 U43 U44 U45 U46 U47   Duty 15 U45 U45 U46 U47   Duty 16 U45 U46 U47   Duty 16 U45 U45 U46 U47   Duty 16 U45 U45 U46 U47   Duty 16 U4					
U18 1 ISO124P Package_DIP:DIP-8-16_W7.62mm  U2 U4 U5 U6 U7 U8 U9 U10 U13 U14 U15 U16 U19 U20 U24 U26 U27 U28 U29 U30 U36 U37 U38 U39 U40 U41 U42  U21 1 AD549 Package_DIP:DIP-6_W7.62mm  U23 U32 U33 U43 U44 U45 U46 U47  8 PVG612 Package_DIP:DIP-6_W7.62mm  U25 1 OP07 Package_DIP:DIP-8_W7.62mm					
U2 U4 U5 U6 U7 U8 U9 U10 U13 U14 U15 U16 U19 U20 U24 U26 U27 U28 U29 U30     27     PVN012     Package_DIP:DIP-6_W7.62mm       U36 U37 U38 U39 U40 U41 U42     1     AD549     Package_TO_SOT_THT:TO-99-8       U23 U32 U33 U43 U44 U45 U46 U47     8     PVG612     Package_DIP:DIP-6_W7.62mm       U25     1     OP07     Package_DIP:DIP-8_W7.62mm				<u> </u>	
U21         1         AD549         Package_TO_SOT_THT:TO-99-8           U23 U32 U33 U43 U44 U45 U46 U47         8         PVG612         Package_DIP:DIP-6_W7.62mm           U25         1         OP07         Package_DIP:DIP-8_W7.62mm	U2 U4 U5 U6 U7 U8 U9 U10 U13 U14 U15 U16 U19 U20 U24 U26 U27 U28 U29 U30			-	
U23 U32 U33 U43 U44 U45 U46 U47         8         PVG612         Package_DIP:DIP-6_W7.62mm           U25         1         OP07         Package_DIP:DIP-8_W7.62mm		1	AD549	Package TO SOT THT:TO-99-8	
U25 1 OP07 Package_DIP:DIP-8_W7.62mm				-	
				-	
us usb 2 AD822 Package_DIP:DIP-8_W7.62mm				-	
	U3 U35	2	AD822	Package_UIP:DIP-8_W7.62mm	