

<b>2BB0435T Bill of Material</b>				
<b>Part Type</b>	<b>Designator</b>	<b>Footprint</b>	<b>Description</b>	<b>Parameters</b>
20	R103	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
20	R203	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
33	R317	0805	Resistor Chip SMD	1% / 0.125W / CRCW0805
33	R318	0805	Resistor Chip SMD	1% / 0.125W / CRCW0805
***	D106	SMB	Transient Voltage Suppressor	5%/600W
***	D107	SMB	Transient Voltage Suppressor	5%/600W
***	D108	SMB	Transient Voltage Suppressor	5%/600W
***	D109	SMB	Transient Voltage Suppressor	5%/600W
***	D110	SMB	Transient Voltage Suppressor	5%/600W
***	D111	SMB	Transient Voltage Suppressor	5%/600W
***	D206	SMB	Transient Voltage Suppressor	5%/600W
***	D207	SMB	Transient Voltage Suppressor	5%/600W
***	D208	SMB	Transient Voltage Suppressor	5%/600W
***	D209	SMB	Transient Voltage Suppressor	5%/600W
***	D210	SMB	Transient Voltage Suppressor	5%/600W
***	D211	SMB	Transient Voltage Suppressor	5%/600W
***	R107	0603	Resistor Chip SMD	1%
***	R108	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R109	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R110	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R111	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R112	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R113	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R114	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R115	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R116	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R117	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R118	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R119	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R120	axial	Power Resistor	5%/3W
***	R121	axial	Power Resistor	5%/3W
***	R122	axial	Power Resistor	5%/3W
***	R123	axial	Power Resistor	5%/3W
***	R130	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R131	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R132	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R133	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R134	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R135	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R136	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R137	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R138	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R139	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R140	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R141	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R150	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R151	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R152	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R153	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R154	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R155	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R156	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R157	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R158	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R159	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R160	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R161	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R207	0603	Resistor Chip SMD	1%
***	R208	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R209	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R210	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R211	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R212	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R213	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R214	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R215	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R216	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R217	1206	Resistor Chip SMD	1%/0.25W/CRCW1206

Part Type	Designator	Footprint	Description	Parameters
***	R218	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R219	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R220	axial	Power Resistor	5%/3W
***	R221	axial	Power Resistor	5%/3W
***	R222	axial	Power Resistor	5%/3W
***	R223	axial	Power Resistor	5%/3W
***	R230	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R231	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R232	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R233	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R234	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R235	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R236	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R237	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R238	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R239	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R240	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R241	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R250	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R251	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R252	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R253	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R254	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R255	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R256	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R257	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R258	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R259	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R260	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
***	R261	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
150k	R305	0603	Resistor Chip SMD	1%
150k	R308	0603	Resistor Chip SMD	1%
15p	C112	0603	SMD Ceramic Chip Capacitor	NP0,C0G/50V/5%
15p	C212	0603	SMD Ceramic Chip Capacitor	NP0,C0G/50V/5%
1k	R311	0603	Resistor Chip SMD	1%
1k	R314	0603	Resistor Chip SMD	1%
2SC0435T2A0-17	2SC0435T	2SC0435T	SCALE-2 Dual-Channel Driver	
4k7	R127	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
4k7	R227	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
4k7	R312	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
4k7	R315	1206	Resistor Chip SMD	1%/0.25W/CRCW1206
4u7	C101	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C102	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C103	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C104	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C105	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C106	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C107	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C108	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C110	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C111	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C201	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C202	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C203	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C204	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C205	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C206	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C207	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C208	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C210	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C211	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
4u7	C301	1206	SMD Ceramic Chip Capacitor	X7R/25V/10%
68k	R101	0603	Resistor Chip SMD	1%
68k	R201	0603	Resistor Chip SMD	1%
6k8	R309	0603	Resistor Chip SMD	1%
6k8	R319	0603	Resistor Chip SMD	1%
BAS416	D105	SOD323	Diode	75V/200mA
BAS416	D205	SOD323	Diode	75V/200mA
BCR135	Q302	SOT23	NPN Bipolar Transistor	50V/200mW
CT-254-1	Z1	PCB	Printed Circuit Board	FR4-Tg≥145°C, 1.6mm, 4 layers

Part Type	Designator	Footprint	Description	Parameters
FCI 65240-006LF	X1_A	Housing	Various Components	Housing 6-pin
FCI 65240-006LF	X2_A	Housing	Various Components	Housing 6-pin
FCI 71918-120LF	X3	2 x 10 pin, 2.54mm	Connector	Header strip 20 pin vertical
FCI 76357-301LF	X1_B	Crimpcontact	Various Components	3 pcs Crimpcontact
FCI 76357-301LF	X2_B	Crimpcontact	Various Components	3 pcs Crimpcontact
FCI 76384-306LF	X1	Header 6-pin	Connector	Header 6-pin
FCI 76384-306LF	X2	Header 6-pin	Connector	Header 6-pin
N.A.	BR1	axial	Resistor Metal Film	1%/0.6W
N.A.	R301	0603	Resistor Chip SMD	1%
N.A.	R302	0603	Resistor Chip SMD	1%
N.A.	R310	0603	Resistor Chip SMD	1%
N.A.	R313	0603	Resistor Chip SMD	1%
N.A.	R316	0603	Resistor Chip SMD	1%
STPS340U	D112	SMB	Schottky Diode	40V/3A
STPS340U	D113	SMB	Schottky Diode	40V/3A
STPS340U	D115	SMB	Schottky Diode	40V/3A
STPS340U	D212	SMB	Schottky Diode	40V/3A
STPS340U	D213	SMB	Schottky Diode	40V/3A
STPS340U	D215	SMB	Schottky Diode	40V/3A
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