

# Technical Bulletin

**Type:** Service Bulletin

Date: December 2020

**Attention:** Service and Parts Managers

No: TCM 0086A-B

ICM 0062-B

**Product:** Various

**Issue:** Replacement parts for display board 59004028 and various HV Boards

**Warranty:** Standard product warranty applies

**Action:** Display board 59004028 is no longer available due to a vendor supply issue. It will be necessary to replace both the display board and the HV board with the current production parts. Refer to the following chart for the appropriate boards to use for the various models.

**NOTE:** Old boards were manufactured by INVENSYS and were green. Current production boards are manufactured by CONTROL PRODUCTS and may be blue or green. The display and HV board **must be made by the same manufacturer for the unit to operate properly**. For example, a display board made by Invensys with an HV board made by Control Products will not work and will result in a blank display. The manufacturer's name is printed on the part.



59004028

**Original boards were  
"INVENSYS"**

← **GREEN** →



12559101Q  
59001002  
59001120  
59001121  
59001122  
59001124  
59001561



59104126 (**BLUE or GREEN**)

**Current boards are  
"CONTROL PRODUCTS"**

**BLUE** →



59004070  
59004071  
59004072  
59004073  
59124181  
59144423

Model #	Mfg #	Original Boards (GREEN)		Replacement Boards	
		Display Board	HV Board	Display Board	HV Board
ACE208	P1324401M	59004028	12559101Q	59104126	59124181
ACE208	P1324410M	59004028	12559101Q	59104126	59124181
ACE2082	P1331301M	59004028	12559101Q	59104126	59124181
ACE2082	P1332901M	59004028	12559101Q	59104126	59124181
ACE208D	P1324404M	59004028	12559106Q	NOT AVAILABLE	NOT AVAILABLE
ACE208D	P1324411M	59004028	12559106Q	NOT AVAILABLE	NOT AVAILABLE
ACE208D2	P1331302M	59004028	12559106Q	NOT AVAILABLE	NOT AVAILABLE
ACE208D2	P1332902M	59004028	12559106Q	NOT AVAILABLE	NOT AVAILABLE
ACE208SB	P1324413M	59004028	59001504	NOT AVAILABLE	NOT AVAILABLE
ACE208SB2	P1331303M	59004028	59001504	NOT AVAILABLE	NOT AVAILABLE
ACE208SB2	P1332903M	59004028	59001504	NOT AVAILABLE	NOT AVAILABLE
ACE208SBC	P1324414M	59004028	59001943	NOT AVAILABLE	NOT AVAILABLE
ACE208SBC2	P1331304M	59004028	59001943	NOT AVAILABLE	NOT AVAILABLE
ACE208SBC2	P1332904M	59004028	59001943	NOT AVAILABLE	NOT AVAILABLE
ACE230	P1324403M	59004028	12559101Q	59104126	59124181
ACE230	P1324412M	59004028	12559101Q	59104126	59124181
ACE2302	P1331305M	59004028	12559101Q	59104126	59124181
ACE2302	P1332905M	59004028	12559101Q	59104126	59124181
ACE230SBC	P1324415M	59004028	59001943	NOT AVAILABLE	NOT AVAILABLE
ACE230SBC2	P1331306M	59004028	59001943	NOT AVAILABLE	NOT AVAILABLE
ACE230SBC2	P1332906M	59004028	59001943	NOT AVAILABLE	NOT AVAILABLE
ACE530	P1325902M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
ACE530	P1325907M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
ACE5302	P1331307M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
ACE5302	P1332907M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
ACE5302	P1332912M	59004028	12502810	NOT AVAILABLE	NOT AVAILABLE
ACE5302	P1332914M	59004028	12502810	NOT AVAILABLE	NOT AVAILABLE
ASE7000	P1326308M	59004028	59001002	59104126	59004070
ASE7000	P1329108M	59004028	59001002	59104126	59004070
ASE7000	P1329602M	59004028	59001002	59104126	59004070
ASE7000	P1330115M	59004028	59001002	59104126	59004070
ASE70002	P1331412M	59004028	59001002	59104126	59004070
ASE70002	P1332813M	59004028	59001002	59104126	59004070
ASE9000	P1326309M	59004028	59001002	59104126	59004070
ASE9000	P1329109M	59004028	59001002	59104126	59004070
ASE9000	P1330116M	59004028	59001002	59104126	59004070
ASE90002	P1331413M	59004028	59001002	59104126	59004070
ASE90002	P1332814M	59004028	59001002	59104126	59004070
CACE5302	P1331312M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE

		Original Boards (GREEN)		Replacement Boards	
Model #	Mfg #	Display Board	HV board	Display Board	HV Board
CDS30E2	P1331313M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
DQ22HSI	P1326304M	59004028	59001124	59104126	59004071
DQ22HSI	P1329110M	59004028	59001124	59104126	59004071
DQ22HSI	P1329611M	59004028	59001124	59104126	59004071
DQ22HSI	P1330105M	59004028	59001124	59104126	59004071
DQ22HSI2	P1331404M	59004028	59001124	59104126	59004071
DQ22HSI2	P1332805M	59004028	59001124	59104126	59004071
DS30E	P1325903M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
DS30E	P1325908M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
DS30E2	P1331309M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
DS30E2	P1332909M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
DS30E2	P1332916M	59004028	12502810	NOT AVAILABLE	NOT AVAILABLE
KFC2	P1326306M	59004028	59001121	59104126	59194680
KFC2	P1329112M	59004028	59001121	59104126	59194680
KFC2	P1329601M	59004028	59001121	59104126	59194680
KFC2	P1330113M	59004028	59001121	59104126	59194680
KFC2SA	P1329616M	59004028	59001206	NOT AVAILABLE	NOT AVAILABLE
KFC2SA	P1330114M	59004028	59001206	NOT AVAILABLE	NOT AVAILABLE
KFC2SA2	P1331411M	59004028	59001206	NOT AVAILABLE	NOT AVAILABLE
KFC2W	P1330121M	59004028	59001121	59104126	59194680
KFC2W2	P1331410M	59004028	59001121	59104126	59194680
KFC2W2	P1332811M	59004028	59001121	59104126	59194680
MC23MP	P1326401M	59004028	59001122	59104126	59004072
MC23MP	P1329113M	59004028	59001122	59104126	59004072
MC23MP	P1329604M	59004028	59001122	59104126	59004072
MC23MP	P1330109M	59004028	59001122	59104126	59004072
MC23MPT	P1326402M	59004028	59001122	59104126	59004072
MC23MPT	P1329114M	59004028	59001122	59104126	59004072
MC23MPT	P1329605M	59004028	59001122	59104126	59004072
MC23MPT	P1330110M	59004028	59001122	59104126	59004072
MC23MPT2	P1326403M	59004028	59001122	59104126	59004072
MC23MPT2	P1329115M	59004028	59001122	59104126	59004072
MC23MPT2	P1329606M	59004028	59001122	59104126	59004072
MC23MPTW	P1330123M	59004028	59001122	59104126	59004072
MC23MPTW2	P1331406M	59004028	59001122	59104126	59004072
MC23MPTW2	P1332807M	59004028	59001122	59104126	59004072
MC23MPW	P1330122M	59004028	59001122	59104126	59004072
MC23MPW2	P1331405M	59004028	59001122	59104126	59004072
MC23MPW2	P1332806M	59004028	59001122	59104126	59004072

		Original Boards (GREEN)		Replacement Boards	
Model #	Mfg #	Display Board	HV Board	Display Board	HV Board
MC24MP	P1329116M	59004028	59001122	59104126	59004072
MC24MPT	P1329117M	59004028	59001122	59104126	59004072
MC24MPT2	P1329118M	59004028	59001122	59104126	59004072
MRC518SU2	P1332818M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
MRC518SU2	P1332832M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
MRC520S2	P1332820M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
MRC520SC2	P1332828M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
MRC520SC2	P1332840M	59004028	12559142	NOT AVAILABLE	NOT AVAILABLE
MRC524TS2	P1331432M	59004028	59001991	NOT AVAILABLE	NOT AVAILABLE
RC17S	P1326302M	59004028	59001002	59104126	59004070
RC17S	P1329101M	59004028	59001002	59104126	59004070
RC17S	P1329607M	59004028	59001002	59104126	59004070
RC17S	P1330101M	59004028	59001002	59104126	59004070
RC17S2	P1331401M	59004028	59001002	59104126	59004070
RC17S2	P1332801M	59004028	59001002	59104126	59004070
RC17SD2	P1326301M	59004028	59001002	59104126	59004070
RC17SD2	P1329102M	59004028	59001002	59104126	59004070
RC17SD2	P1329609M	59004028	59001002	59104126	59004070
RC17SD2	P1330102M	59004028	59001002	59104126	59004070
RC17SD22	P1331402M	59004028	59001002	59104126	59004070
RC17SD2OSI	P1331429M	59004028	59001002	59104126	59004070
RC17SD2OSI	P1332803M	59004028	59001002	59104126	59004070
RC17SED	P1326313M	59004028	59001002	59104126	59004070
RC17SED	P1329119M	59004028	59001002	59104126	59004070
RC17SED	P1329608M	59004028	59001002	59104126	59004070
RC17SX	P1331431M	59004028	59001002	59104126	59004070
RC17SX	P1332802M	59004028	59001002	59104126	59004070
RC22S	P1326303M	59004028	59001002	59104126	59004070
RC22S	P1329103M	59004028	59001002	59104126	59004070
RC22S	P1329610M	59004028	59001002	59104126	59004070
RC22S	P1330104M	59004028	59001002	59104126	59004070
RC22S2	P1331403M	59004028	59001002	59104126	59004070
RC22S2	P1332804M	59004028	59001002	59104126	59004070
RC22S3	P1326310M	59004028	59001002	59104126	59004070
RC22S3	P1329104M	59004028	59001002	59104126	59004070
RC25S	P1326311M	59004028	59001002	59104126	59004070
RC25S	P1329105M	59004028	59001002	59104126	59004070
RC27S	P1326312M	59004028	59001002	59104126	59004070
RC27S	P1329106M	59004028	59001002	59104126	59004070
RC27S	P1330117M	59004028	59001002	59104126	59004070

Model #	Mfg #	Original Boards (GREEN)		Replacement Boards	
		Display Board	HV board	Display Board	HV Board
RC27S2	P1331414M	59004028	59001002	59104126	59004070
RC27S2	P1332815M	59004028	59001002	59104126	59004070
RC30S	P1326307M	59004028	59001002	59104126	59004070
RC30S	P1329107M	59004028	59001002	59104126	59004070
RC30S	P1330118M	59004028	59001002	59104126	59004070
RC30S2	P1331415M	59004028	59001002	59104126	59004070
RC30S2	P1332816M	59004028	59001002	59104126	59004070
RC518SU	P1327602M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
RC518SU2	P1331416M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
RC518SU2	P1332817M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
RC518SU2	P1332831M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
RC520S	P1327601M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
RC520S2	P1331417M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
RC520S2	P1332819M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
RC520SC2	P1332827M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
RC520SC2	P1332839M	59004028	59001561	NOT AVAILABLE	NOT AVAILABLE
RC520T	P1327616M	59004028	59001678	NOT AVAILABLE	NOT AVAILABLE
RC520T2	P1331423M	59004028	59001678	NOT AVAILABLE	NOT AVAILABLE
RC524TS2	P1331430M	59004028	59001991	NOT AVAILABLE	NOT AVAILABLE
RC5KFT	P1327611M	59004028	59001206	NOT AVAILABLE	NOT AVAILABLE
RC5KFT2	P1331424M	59004028	59001206	NOT AVAILABLE	NOT AVAILABLE
RC5MCSP	P1327608M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MCSP2	P1331418M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MCSS	P1327609M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MCTP	P1327603M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MCTP2	P1331425M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MCTS	P1327610M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MCTS2	P1331426M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MDTM	P1327615M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MDTM2	P1331428M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MDTM2	P1332826M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MDTS	P1327612M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5MDTS2	P1331427M	59004028	59001497	NOT AVAILABLE	NOT AVAILABLE
RC5PHB	P1327607M	59004028	59001611	NOT AVAILABLE	NOT AVAILABLE
RC5PHB2	P1331422M	59004028	59001611	NOT AVAILABLE	NOT AVAILABLE
RC5PHBU	P1327606M	59004028	59001611	NOT AVAILABLE	NOT AVAILABLE
RC5PHBU2	P1331421M	59004028	59001611	NOT AVAILABLE	NOT AVAILABLE
UACE530	P1325901M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UACE530	P1325906M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UACE5302	P1331308M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE

Model #	Mfg #	Original Boards (GREEN)		Replacement Boards	
		Display Board	HV Board	Display Board	HV Board
UACE5302	P1332908M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UACE5302	P1332915M	59004028	12502810	NOT AVAILABLE	NOT AVAILABLE
UCA2000NT	P1325905M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UCA2000NT	P1325910M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UCA2000NT2	P1331311M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UCA2000NT2	P1332911M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UCA2000NT2	P1332918M	59004028	12502810	NOT AVAILABLE	NOT AVAILABLE
UDS30E	P1325904M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UDS30E	P1325909M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UDS30E2	P1331310M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UDS30E2	P1332910M	59004028	12559101Q	NOT AVAILABLE	NOT AVAILABLE
UDS30E2	P1332917M	59004028	12502810	NOT AVAILABLE	NOT AVAILABLE
WDYRC2	P1326305M	59004028	59001120	59104126	59004073
WDYRC2	P1329111M	59004028	59001120	59104126	59004073
WDYRC2	P1329603M	59004028	59001120	59104126	59004073
WDYRC2	P1329615M	59004028	59001120	59104126	59004073
WDYRC2	P1330112M	59004028	59001120	59104126	59004073
WDYRC22	P1331407M	59004028	59001120	59104126	59004073
WDYRC22	P1332808M	59004028	59001120	59104126	59004073
WDYRC25J	P1330119M	59004028	59001120	59104126	59004073
WDYRC25J2	P1331408M	59004028	59001120	59104126	59004073
WDYRC26J	P1330120M	59004028	59001120	59104126	59004073
WDYRC26J2	P1331409M	59004028	59001120	59104126	59004073