

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
2N6071	T435-400D	
2N6071A		T410-400D
2N6073	T435-400D	
2N6073A		T410-400D
2N6075	T435-600D	
2N6075A		T410-600D
2N6342	BTB08-400BW	
2N6342A	BTB12-400BW	
2N6343	BTB08-400BW	
2N6343A	BTB12-400BW	
2N6344	BTB08-600BW	
2N6344A	BTB12-600BW	
2N6345	BTB08-800BW	
2N6345A	BTB12-800BW	
2N6346	BTB08-400B	
2N6346A	BTB12-400B	
2N6347	BTB08-400B	
2N6347A	BTB12-400B	
2N6348	BTB08-600B	
2N6348A	BTB12-600B	
2N6349	BTB08-800B	
2N6349A	BTB12-800BW	
2N6394	TYN0512	
2N6395	TYN112	
2N6396	TYN212	
2N6397	TYN412	
2N6398	TYN612	
2N6399	TYN812	
2N6400	TYN0516	
2N6401	TYN116	
2N6402	TYN216	
2N6403	TYN416	
2N6404	TYN616	
2N6405	TYN816	
2N6504	TYN225	
2N6505	TYN225	
2N6506	TYN225	
2N6507	TYN425	
2N6508	TYN625	
2N6509	TYN825	
BCR3AM12		T410-600D
BCR3AM8		T410-400D
BCR4AM12	T410-600T	
BCR4AM8	T410-400T	
BCR5AM12		T435-600T
BCR5AM8		T435-400T
BCR5AS12		T435-600D
BCR5AS8		T435-400D
BR100/03	DB3	
BT134W-500		T110-600F
BT134W-600		T110-600F
BT134-500	T435-600D	
BT134-500D		T410-600D
BT134-500E	T410-600D	
BT134-500F	T410-600D	

INDUSTRY PART NUMBER.	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
BT134-500G	T435-600D	
BT134-600	T435-600D	
BT134-600D		T410-600D
BT134-600E	T410-600D	
BT134-600F	T410-600D	
BT134-600G	T435-600D	
BT134-700	T435-700D	
BT134-700E	T410-700D	
BT134-700F	T410-700D	
BT134-700G	T435-700D	
BT134-800	T435-800D	
BT134-800E	T410-800D	
BT134-800F	T410-800D	
BT134-800G	T435-800D	
BT136F-500	T435-600W	
BT136F-500D		T410-600W
BT136F-500E	T410-600W	
BT136F-500F	T410-600W	
BT136F-500G	T435-600W	
BT136F-600	T435-600W	
BT136F-600D		T410-600W
BT136F-600E	T410-600W	
BT136F-600F	T410-600W	
BT136F-600G	T435-600W	
BT136F-700	T435-700W	
BT136F-700E	T410-700W	
BT136F-700F	T410-700W	
BT136F-700G	T435-700W	
BT136F-800	T435-800W	
BT136F-800E	T410-800W	
BT136F-800F	T410-800W	
BT136F-800G	T435-800W	
BT136-500	T435-600T	
BT136-500D		T410-600T
BT136-500E	T410-600T	
BT136-500F	T410-600T	
BT136-500G	T435-600T	
BT136-600	T435-600T	
BT136-600D		T410-600T
BT136-600E	T410-600T	
BT136-600F	T410-600T	
BT136-600G	T435-600T	
BT136-700	T435-700T	
BT136-700E	T410-700T	
BT136-700F	T410-700T	
BT136-700G	T435-700T	
BT136-800	T435-800T	
BT136-800E	T410-800T	
BT136-800F	T410-800T	
BT136-800G	T435-800T	
BT137F500		BTA08-600CW
BT137F500D		BTA08-600TW
BT137F500E		BTA08-600A
BT137F500F		BTA08-600C
BT137F500G		BTA08-600B

CROSS REFERENCE

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
BT137F600		BTA08-600CW	BT139F600G		BTA16-600B
BT137F600E		BTA08-600A	BT139F700		BTA16-700CW
BT137F600F		BTA08-600C	BT139F700F		BTA16-700CW
BT137F600G		BTA08-600B	BT139F700G		BTA16-700B
BT137-500	BTB08-600C		BT139F800		BTA16-800CW
BT137-500D		BTB08-600TW	BT139F800F		BTA16-800CW
BT137-500E	BTB08-600A		BT139F800G		BTA16-800B
BT137-500F	BTB08-600C		BT139-500		BTB16-600CW
BT137-500G	BTB08-600B		BT139-500F		BTB16-600CW
BT137-600	BTB08-600C		BT139-500G	BTB16-600B	
BT137-600D		BTB08-600TW	BT139-600		BTB16-600CW
BT137-600E	BTB08-600A		BT139-600F		BTB16-600CW
BT137-600F	BTB08-600C		BT139-600G	BTB16-600B	
BT137-600G	BTB08-600B		BT139-700		BTB16-700CW
BT137-700	BTB08-700C		BT139-700F		BTB16-700CW
BT137-700D		BTB08-700TW	BT139-700G	BTB16-700B	
BT137-700E	BTB08-700A		BT139-800		BTB16-800CW
BT137-700F	BTB08-700C		BT139-800F		BTB16-800CW
BT137-700G	BTB08-700B		BT139-800G	BTB16-800B	
BT137-800	BTB08-800C		BT145-500R	TYN625	
BT137-800F	BTB08-800C		BT145-600R	TYN625	
BT137-800G	BTB08-800B		BT145-800R	TYN825	
BT138F500		BTA12-600CW	BT148W-400R	TS120-400F	
BT138F500E		BTA12-600SW	BT148W-500R	TS120-600F	
BT138F500F		BTA12-600C	BT148W-600R	TS120-600F	
BT138F500G		BTA12-600B	BT149-B	TS082020	
BT138F600		BTA12-600CW	BT149-D	TS082040	
BT138F600F		BTA12-600C	BT149-E	TS082060	
BT138F600G		BTA12-600B	BT149-G	TS082060	
BT138F700		BTA12-700CW	BT150	TYS406-6	
BT138F700E		BTA12-700SW	BT151F500		TXN608
BT138F700F		BTA12-700C	BT151F650		TXN808
BT138F700G		BTA12-700B	BT151F800		TXN808
BT138F800		BTA12-800CW	BT151-500R	TYN610	
BT138F800F		BTA12-800C	BT151-650R	TYN810	
BT138F800G		BTA12-800B	BT151-800R	TYN810	
BT138-500	BTB12-600C		BT152-400R	TYN688	
BT138-500E		BTB12-600SW	BT152-600R	TYN690	
BT138-500F	BTB12-600C		BT152-800R	TYN692	
BT138-500G	BTB12-600B		BT169-B		TS082020
BT138-600	BTB12-600C		BT169-D		TS082040
BT138-600F	BTB12-600C		BT169-E		TS082060
BT138-600G	BTB12-600B		BT169-G		TS082060
BT138-700	BTB12-700C		BTA140-500	BTB24-600B	
BT138-700E		BTB12-700SW	BTA140-600	BTB24-600B	
BT138-700F	BTB12-700C		BTA140-700	BTB24-700B	
BT138-700G	BTB12-700B		BTA140-800	BTB24-800B	
BT138-800	BTB12-800C		C106A		TLS106-1
BT138-800F	BTB12-800C		C106B		TLS106-2
BT138-800G	BTB12-800B		C106D		TLS106-4
BT139F500		BTA16-600CW	C106F		TLS106-05
BT139F500F		BTA16-600CW	C106M		TLS106-6
BT139F500G		BTA16-600B	C228A		2N5204
BT139F600		BTA16-600CW	C228B		2N5204
BT139F600F		BTA16-600CW	C228D		2N5204

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
C228M		2N5204
C35A		2N5204
C35B		2N5204
C35D		2N5204
C35M		2N5204
C35N		2N5205
EC103A	TS082010	
EC103A2	TS080510	
EC103B	TS082020	
EC103B2	TS080520	
EC103C	TS082030	
EC103C2	TS080530	
EC103D	TS082040	
EC103D2	TS080540	
EC103E	TS082060	
EC103E2	TS080560	
EC103M	TS082060	
ES103M2	TS080560	
HT32	DB3	
HT35	DC34	
HT40	DC38	
L2004F51		T410-400T
L2004F71		T410-400T
L2004F91		T435-400T
L2004L3	BTA04-400T	
L2004L5	BTA04-400T	
L2004L7	BTA04-400S	
L2004L9	BTA04-400A	
L2006L6	BTA06-400TW	
L2006L7	BTA06-400SW	
L2006L9	BTA06-400A	
L2008L6	BTA08-400TW	
L2008L7	BTA08-400SW	
L2008L9	BTA08-400A	
L201E7		T08-2A
L201E9		T08-2A
L4004F51		T410-400T
L4004F71		T410-400T
L4004F91		T435-400T
L4004L3	BTA04-400T	
L4004L5	BTA04-400T	
L4004L7	BTA04-400S	
L4004L9	BTA04-400A	
L4006L6	BTA06-400TW	
L4006L7	BTA06-400SW	
L4006L9	BTA06-400A	
L4008L6	BTA08-400TW	
L4008L7	BTA08-400SW	
L4008L9	BTA08-400A	
L401E7		T08-4A
L401E9		T08-4A
L6004F31		BTB04-600T
L6004F51		BTB04-600T
L6004F71		T410-600T
L6004F91		T435-600T

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
L6004L3	BTA04-600T	
L6004L5	BTA04-600T	
L6004L7	BTA04-600S	
L6004L9	BTA04-600A	
L6006L6	BTA06-600TW	
L6006L7	BTA06-600SW	
L6006L9	BTA06-600A	
L6008L6	BTA08-600TW	
L6008L7	BTA08-600SW	
L6008L9	BTA08-600A	
L601E5		T08-6A
L601E7		T08-6A
L601E9		T08-6A
MAC15A10	BTB16-800B	
MAC15A10FP		BTA16-800B
MAC15A4	BTB16-400B	
MAC15A4FP		BTA16-400B
MAC15A6	BTB16-400B	
MAC15A6FP		BTA16-400B
MAC15A8	BTB16-600B	
MAC15A8FP		BTA16-600B
MAC15-10	BTB16-800BW	
MAC15-10FP		BTA12-800BW
MAC15-4	BTB16-400BW	
MAC15-4FP		BTA12-400BW
MAC15-6	BTB16-400BW	
MAC15-6FP		BTA12-400BW
MAC15-8	BTB16-600BW	
MAC15-8FP		BTA12-600BW
MAC210A10	BTB10-800B	
MAC210A10FP		BTA10-800B
MAC210A4	BTB10-400B	
MAC210A4FP		BTA10-400B
MAC210A6	BTB10-400B	
MAC210A6FP		BTA10-400B
MAC210A8	BTB10-600B	
MAC210A8FP		BTA10-600B
MAC210-10	BTB10-800BW	
MAC210-10FP		BTA10-800BW
MAC210-4	BTB10-400BW	
MAC210-4FP		BTA10-400BW
MAC210-6	BTB10-400BW	
MAC210-6FP		BTA10-400BW
MAC210-8	BTB10-600BW	
MAC210-8FP		BTA10-600BW
MAC212A10	BTB12-800B	
MAC212A10FP		BTA12-800B
MAC212A4	BTB12-400B	
MAC212A4FP		BTA12-400B
MAC212A6	BTB12-400B	
MAC212A6FP		BTA12-400B
MAC212A8	BTB12-600B	
MAC212A8FP		BTA12-600B
MAC212-10	BTB12-800BW	
MAC212-10FP		BTA12-800BW

CROSS REFERENCE

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
MAC212-4	BTB12-400BW		MAC229A10FP		BTA08-700A
MAC212-4FP		BTA12-400BW	MAC229A4	BTB08-400A	
MAC212-6	BTB12-400BW		MAC229A4FP		BTA08-400A
MAC212-6FP		BTA12-400BW	MAC229A6	BTB08-400A	
MAC212-8	BTB12-600BW		MAC229A6FP		BTA08-400A
MAC212-8FP		BTA12-600BW	MAC229A8	BTB08-600A	
MAC213-10		TXDV-812	MAC229A8FP		BTA08-600A
MAC213-4		TXDV-412	MAC229-10		BTB08-700SW
MAC213-6		TXDV-412	MAC229-10FP		BTA08-700SW
MAC213-8		TXDV-612	MAC229-4	BTB08-400SW	
MAC218A10	BTB08-800B		MAC229-4FP		BTA08-400SW
MAC218A10FP		BTA08-800B	MAC229-6	BTB08-400SW	
MAC218A4	BTB08-400B		MAC229-6FP		BTA08-400SW
MAC218A4FP		BTA08-400B	MAC229-8	BTB08-600SW	
MAC218A6	BTB08-400B		MAC229-8FP		BTA08-600SW
MAC218A6FP		BTA08-400B	MAC3010-15	BTB16-400CW	
MAC218A8	BTB08-600B		MAC3010-25	BTB24-400CW	
MAC218A8FP		BTA08-600B	MAC3010-4	T435-400D	
MAC218-10	BTB08-800BW		MAC3010-8	BTB08-400CW	
MAC218-10FP		BTA08-800BW	MAC3020-15	BTB16-400CW	
MAC218-4	BTB08-400BW		MAC3020-25	BTB24-400CW	
MAC218-4FP		BTA08-400BW	MAC3020-4	T435-400D	
MAC218-6	BTB08-400BW		MAC3020-8	BTB08-400CW	
MAC218-6FP		BTA08-400BW	MAC3030-15	BTB16-400CW	
MAC218-8	BTB08-600BW		MAC3030-25	BTB24-400CW	
MAC218-8FP		BTA08-600BW	MAC3030-4	T435-400D	
MAC219-10		TXDV-808	MAC3030-8	BTB08-400CW	
MAC219-4		TXDV-408	MAC3040-15	BTB16-400CW	
MAC219-6		TXDV-408	MAC3040-25	BTB24-400CW	
MAC219-8		TXDV-608	MAC3040-4	T435-400D	
MAC223A10		BTB24-800B	MAC3040-8	BTB08-400CW	
MAC223A4		BTB24-400B	MAC3060-15	BTB16-600CW	
MAC223A6		BTB24-400B	MAC3060-25	BTB24-600CW	
MAC223A8		BTB24-600B	MAC3060-4	T435-600D	
MAC223-10	BTB24-800BW		MAC3060-8	BTB08-600CW	
MAC223-4	BTB24-400BW		MAC310-4		BTA12-400SW
MAC223-6	BTB24-400BW		MAC310-6		BTA12-400SW
MAC223-8	BTB24-600BW		MAC310-8		BTA12-600SW
MAC228A10		BTB08-700D	MAC320A10	BTB24-800B	
MAC228A10FP		BTA08-700D	MAC320A4	BTB24-400B	
MAC228A4	BTB08-400D		MAC320A6	BTB24-400B	
MAC228A4FP		BTA08-400D	MAC320-10	BTB20-800BW	
MAC228A6	BTB08-400D		MAC320-10FP		BTA20-800BW
MAC228A6FP		BTA08-400D	MAC320-4	BTB20-400BW	
MAC228A8	BTB08-600D		MAC320-4FP		BTA20-400BW
MAC228A8FP		BTA08-600D	MAC320-6	BTB20-400BW	
MAC228-10	BTB08-700TW		MAC320-6FP		BTA20-400BW
MAC228-10FP		BTA08-700TW	MAC320-8	BTB20-600BW	
MAC228-4	BTB08-400TW		MAC320-8FP		BTA20-600BW
MAC228-4FP		BTA08-400TW	MAC625-4		BTA25-400B
MAC228-6	BTB08-400TW		MAC625-6		BTA25-400B
MAC228-6FP		BTA08-400TW	MAC625-8		BTA25-600B
MAC228-8	BTB08-600TW		MAC635-4		BTA40-400B
MAC228-8FP		BTA08-600TW	MAC635-6		BTA40-400B
MAC229A10		BTB08-700A	MAC635-8		BTA40-600B

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
MAC97-4	T08-2A	
MAC97-6	T08-4A	
MAC97-8	T08-6A	
MCR100-3	TS082010	
MCR100-4	TS082020	
MCR100-5	TS082030	
MCR100-6	TS082040	
MCR100-7	TS082060	
MCR100-8	TS082080	
MCR106-2		TLS106-05
MCR106-3		TLS106-1
MCR106-4		TLS106-2
MCR106-6		TLS106-4
MCR106-8		TLS106-6
MCR218-10	TYN808G	
MCR218-2	TYN058G	
MCR218-3	TYN108G	
MCR218-4	TYN208G	
MCR218-6	TYN408G	
MCR218-8	TYN608G	
MCR64-10	BTW48-800	
MCR64-2	BTW48-200	
MCR64-3	BTW48-200	
MCR64-4	BTW48-200	
MCR64-6	BTW48-400	
MCR64-8	BTW48-600	
MCR68-2		TYN0512
MCR68-3		TYN112
MCR68-6		TYN412
P0100AA	TS080210	
P0100BA	TS080220	
P0100CA	TS080230	
P0100DA	TS080240	
P0102AA	TS082010	
P0102BA	TS082020	
P0102CA	TS082030	
P0102DA	TS082040	
P0104AA	TS080510	
P0104BA	TS080520	
P0104CA	TS080530	
P0104DA	TS080540	
Q2004F31		T410-400T
Q2004F41		T435-400T
Q2004L3	BTA04-400S	
Q2004L4	BTA04-400A	
Q2006F41		BTB06-400CW
Q2006L4	BTA06-400CW	
Q2006R4	BTB06-400CW	
Q2008F41		BTA08-400CW
Q2008L4	BTA08-400CW	
Q2008R4	BTB08-400CW	
Q2010F51		BTB10-400BW
Q2010L5	BTA10-400BW	
Q2010R5	BTB10-400BW	
Q2015L5	BTA16-400BW	

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
Q2015R5	BTB16-400BW	
Q201E3		T08-2A
Q201E4		T08-2A
Q2025J6		BTA26-400BW
Q2025K6	BTA26-400BW	
Q2025P		BTA25-400B
Q2025R6	BTB24-400BW	
Q2040J7		BTA41-400A
Q2040K7	BTA41-400A	
Q2040P		BTA40-400A
Q2040W7		BTA41-400A
Q4004F31		T410-400T
Q4004F41		T435-400T
Q4004L3	BTA04-400S	
Q4004L4	BTA04-400A	
Q4006F41		BTB06-400CW
Q4006L4	BTA06-400CW	
Q4006R4	BTB06-400CW	
Q4008F41		BTB08-400CW
Q4008L4	BTA08-400CW	
Q4008R4	BTB08-400CW	
Q4010F51		BTB10-400BW
Q4010L5	BTA10-400BW	
Q4010R5	BTB10-400BW	
Q4015L5	BTA16-400BW	
Q4015R5	BTB16-400BW	
Q401E3		T08-4A
Q401E4		T08-4A
Q4025J6		BTA26-400BW
Q4025K6	BTA26-400BW	
Q4025R6	BTB24-400BW	
Q4040J7		BTA41-400A
Q4040K7	BTA41-400A	
Q4040P		BTA40-400A
Q4040W7		BTA41-400A
Q5004F31		T410-600T
Q5004F41		T435-600T
Q5004L3	BTA04-600S	
Q5004L4	BTA04-600A	
Q5006F41		BTB06-600CW
Q5006L4	BTA06-600CW	
Q5006R4	BTB06-600CW	
Q5008F41		BTB08-600CW
Q5008L4	BTA08-600CW	
Q5008R4	BTA08-600CW	
Q5010F51		BTB10-600BW
Q5010L5	BTA10-600BW	
Q5010R5	BTB10-600BW	
Q5015L5	BTA16-600BW	
Q5015R5	BTB16-600BW	
Q501E3		T08-6A
Q501E4		T08-6A
Q5025J6		BTA26-600BW
Q5025K6	BTA26-600BW	
Q5025P		BTA25-600B

CROSS REFERENCE

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
Q5025R6	BTB24-600BW		Q8025J6		BTA26-800BW
Q5040J7		BTA41-600A	Q8025K6	BTA26-800BW	
Q5040K7	BTA41-600A		Q8025P		BTA25-800B
Q5040P		BTA40-600A	Q8025R6	BTB24-800BW	
Q5040W7		BTA41-600A	Q8040J7		BTA41-800A
Q6004F31		T410-600T	Q8040K7	BTA41-800A	
Q6004F41		T435-600T	Q8040W7		BTA41-800A
Q6004L3	BTA04-600S		S0304F1		TYN054
Q6004L4	BTA04-600A		S0306F1		TYN056
Q6006F51		BTB06-600BW	S0308F1		TYN058
Q6006L5	BTA06-600BW		S0308L	TXN058	
Q6006R5	BTB06-600BW		S0308R	TYN058	
Q6008F51		BTB08-600BW	S0310F1		TYN0510
Q6008L5	BTA08-600BW		S0312R	TYN0512	
Q6008R5	BTB08-600BW		S0316R	TYN0516	
Q6010F51		BTB10-600BW	S031E		TL1006
Q6010L5	BTA10-600BW		S0402BH	TYS406-2	
Q6010R5	BTB10-600BW		S0402DH	TYS406-4	
Q6015L5	BTA16-600BW		S0402MH	TYS406-6	
Q6015R5	BTB16-600BW		S0402NH	TYS406-8	
Q601E3		TO8-6A	S0407BH		TYN204
Q601E4		TO8-6A	S0407DH		TYN404
Q6025J6		BTA26-600BW	S0407MH		TYN604
Q6025K6	BTA26-600BW		S0407NH		TYN804
Q6025P		BTA25-600B	S0410BH		TYN204
Q6025R6	BTB24-600BW		S0410DH		TYN404
Q6040J7		BTA41-600A	S0410MH		TYN604
Q6040K7	BTA41-600A		S0410NH		TYN804
Q6040P		BTA40-600A	S0503LS2		TL5106-05
Q6040W7		BTA41-600A	S0504F1		TYN054
Q7004L4	BTA04-700A		S0506F1		TYN056
Q7006L5	BTA06-700BW		S0506FS21		TYS606-05
Q7006R5	BTB06-700BW		S0506FS31		TYS606-05
Q7008L5	BTA08-700BW		S0508F1		TYN058
Q7008R5	BTB08-700BW		S0508L	TXN058	
Q7010L5	BTA10-700BW		S0508R	TYN058	
Q7010R5	BTB10-700BW		S0510F1		TYN0510
Q7015L5	BTA16-700BW		S0512R	TYN0512	
Q7015R5	BTB16-700BW		S0516R	TYN0516	
Q7025J6		BTA26-700BW	S051E		TL1006
Q7025K6	BTA26-700BW		S0602BH	TYS606-2	
Q7025P		BTA25-700B	S0602DH	TYS606-4	
Q7025R6	BTB24-700BW		S0602MH	TYS606-6	
Q7040J7		BTA41-700A	S0602NH	TYS606-8	
Q7040K7	BTA41-700A		S0607BH		TYN206
Q7040P	BTA40-700A		S0607DH		TYN406
Q7040W7		BTA41-700A	S0607MH		TYN606
Q8006L5	BTA06-800BW		S0607NH		TYN806
Q8006R5	BTB06-800BW		S0610BH		TYN206
Q8008L5	BTA08-800BW		S0610DH		TYN406
Q8008R5	BTB08-800BW		S0610MH		TYN606
Q8010L5	BTA10-800BW		S0610NH		TYN806
Q8010R5	BTB10-800BW		S0807BH		TYN208
Q8015L5	BTA16-800BW		S0807DH		TYN408
Q8015R5	BTB16-800BW		S0807MH		TYN608

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
S0807NH		TYN808	S2035W	BTW68-600N	
S0810BH	TYN208G		S2055M	BTW69-600N	
S0810DH	TYN408G		S2055W	BTW69-600N	
S0810MH	TYN608G		S2512BH	TYN225	
S0810NH	TYN808G		S2512BK		BTW66-200
S1003LS2		TLS106-1	S2512DH	TYN425	
S1003LS3		TLS106-1	S2512DK		BTW66-400
S1004F1		TYN104	S2512MH	TYN625	
S1006F1		TYN106	S2512MK		BTW66-600
S1006FS21		TYS606-1	S2512NH	TYN825	
S1006FS31		TYS606-1	S2512NK		BTW66-800
S1007BH		TYN210	S2800A	TYN110	
S1007DH		TYN410	S2800B	TYN210	
S1007MH		TYN610	S2800D	TYN410	
S1007NH		TYN810	S2800F	TYN0510	
S1008F1		TYN108	S2800M	TYN610	
S1008L	TXN108		S2800N	TYN810	
S1008R	TYN108		S4003LS2		TLS106-4
S1010BH		TYN210	S4003LS3		TLS106-4
S1010DH		TYN410	S4004F1		TYN404
S1010F1		TYN110	S4006F1		TYN406
S1012R	TYN112		S4006FS21		TYS606-4
S1016R	TYN1016		S4006FS31		TYS606-4
S101E		TL1006	S4008F1		TYN408
S1025R	TYN225		S4008L	TXN408	
S1035K	BTW68-200		S4008R	TYN408	
S1035W	BTW68-600N		S4010F1		TYN410
S1207BH		TYN212	S4012BK	BTW67-200	
S1207DH		TYN412	S4012DK	BTW67-400	
S1207MH		TYN612	S4012MK	BTW67-600	
S1207NH		TYN812	S4012NK	BTW67-800	
S1210BH		TYN212	S4012R	TYN412	
S1210DH		TYN412	S4016R	TYN416	
S1210MH		TYN612	S401E		TL4006
S1210NH		TYN812	S4025R	TYN425	
S1610BH		TYN216	S4035J	BTW68-400	
S1610DH		TYN416	S4035K	BTW68-400	
S1610MH		TYN616	S4035W	BTW68-600N	
S1610NH		TYN816	S4055M	BTW69-600N	
S20010F1		TYN210	S4055W	BTW69-600N	
S2003LS2		TLS106-2	S6003LS2		TLS106-6
S2003LS3		TLS106-2	S6003LS3		TLS106-6
S2004F1		TYN204	S6004F1		TYN604
S2006F1		TYN206	S6006F1		TYN606
S2006FS21		TYS606-2	S6006FS21		TYS606-6
S2006FS31		TYS606-2	S6006FS31		TYS606-6
S2008F1		TYN208	S6008F1		TYN608
S2008L	TXN208		S6008L	TXN608	
S2008R	TYN208		S6008R	TYN608	
S2012R	TYN212		S6010F1		TYN610
S2016R	TYN216		S6012R	TYN612	
S201E		TL2006	S6016R	TYN616	
S2025R	TYN225		S601E		TL606
S2035J	BTW68-200		S6025R	TYN625	
S2035K	BTW68-200		S6035J	BTW68-600	

CROSS REFERENCE

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
S6035K	BTW68-600		SF2G41		TLS106-4
S6035W	BTW68-600N		SF2J41		TLS106-6
S6055M	BTW69-600N		SF30D13		BTW48-200
S6055W	BTW69-600N		SF30F13		BTW48-400
S8008L	TXN808		SF30G13		BTW48-400
S8008R	TYN808		SF30J13		BTW48-600
S8012R	TYN812		SF30L13		BTW48-800
S8016R	TYN816		SF30N13		BTW48-1000
S8025R	TYN825		SF30Q13		BTW48-1200
S8035J	BTW68-800		SF3B41	TYN204	TL1006
S8035K	BTW68-800		SF3B42		TLS106-1
S8035W	BTW68-800N		SF3D41	TYN204	TL2006
S8055M	BTW69-800N		SF3D42		TLS106-2
S8055W	BTW69-800N		SF3G41	TYN404	TL4006
SC129B	BTB24-400BW		SF3G42		TLS106-4
SC129D	BTB24-400BW		SF3J41	TYN604	TL6006
SC129E	BTB24-600BW		SF3J42		TLS106-6
SC129M	BTB24-600BW		SF5B41	TYN106	
SC141B	BTB06-400BW		SF5B42	TYS606-1	
SC141D	BTB06-400BW		SF5D41	TYN206	
SC141E	BTB06-600BW		SF5D41A	TYN206	
SC141M	BTB06-600BW		SF5D42	TYS606-2	
SC141N	BTB06-800BW		SF5G41	TYN406	
SC143B	BTB08-400BW		SF5G41A	TYN406	
SC143D	BTB08-400BW		SF5G42	TYS606-4	
SC143E	BTB08-600BW		SF5J41	TYN606	
SC143M	BTB08-600BW		SF5J41A	TYN606	
SC146B	BTB10-400BW		SF5J42	TYS606-6	
SC146D	BTB10-400BW		SF8B41	TYN108K	
SC146E	BTB10-600BW		SF8D41	TYN208K	
SC146M	BTB10-600BW		SF8D41A	TYN208	
SC146N	BTB10-800BW		SF8G41	TYN408K	
SC149B	BTB12-400BW		SF8G41A	TYN408	
SC149D	BTB12-400BW		SF8GZ47		TXN406
SC149M	BTB12-600BW		SF8J41	TYN608K	
SC151B	BTB16-400BW		SF8J41A	TYN608	
SC151D	BTB16-400BW		SF8JZ47		TXN606
SC151E	BTB16-600BW		SFOR5B43	TS0850-100	
SC151M	BTB16-600BW		SFOR5D43	TS0850-200	
SF10B41	TYN110		SFOR5G43	TS0850-400	
SF10D41	TYN210		SFOR5J43	TS0850-600	
SF10D41A	TYN210		SM12D41	BTB12-400BW	
SF10G41	TYN410		SM12D45	BTB12-400C	
SF10G41A	TYN410		SM12D45A	BTB12-400A	
SF10J41	TYN610		SM12DZ46	BTA12-400C	
SF10J41A	TYN610		SM12DZ46A	BTA12-400A	
SF25D13		BTW39-200	SM12G41	BTB12-400BW	
SF25F13		BTW39-400	SM12G45	BTB12-400C	
SF25G13		BTW39-400	SM12G45A	BTB12-400A	
SF25J13		BTW39-600	SM12GZ46	BTA12-400C	
SF25L13		BTW39-800	SM12GZ46A	BTA12-400A	
SF25N13		BTW39-1000	SM12GZ47	BTA12-400CW	
SF25Q13		BTW39-1200	SM12GZ47A	BTA12-400SW	
SF2B41		TLS106-1	SM12J41	BTB12-600BW	
SF2D41		TLS106-2	SM12J45	BTB12-600C	

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT	INDUSTRY PART NUMBER1	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
SM12J45A	BTB12-600A		SM8JZ47	BTA08-600CW	
SM12JZ46	BTA12-600C		SM8JZ47A	BTA08-600SW	
SM12JZ46A	BTA12-600A		SMO8D43		T08-2A
SM12JZ47	BTA12-600CW		SMO8G43		T08-4A
SM12JZ47A	BTA12-600SW		SMOR5B42	T08-2A	
SM16G45	BTB16-400CW		SMOR5D42	T08-2A	
SM16G45A	BTB16-400SW		SMOR5G42	T08-4A	
SM16GZ47	BTA16-400CW		T0409BJ	BTA04-400S	
SM16GZ47A	BTA16-400SW		T0409DJ	BTA04-400S	
SM16J45	BTB16-600CW		T0409MJ	BTA04-600S	
SM16J45A	BTB16-600SW		T0409NJ		BTA04-700S
SM16JZ47	BTA16-600CW		T0410BJ	BTA04-400A	
SM16JZ47A	BTA16-600SW		T0410DJ	BTA04-400A	
SM25DZ41		BTA25-400A	T0410MJ	BTA04-600A	
SM25GZ41		BTA25-400A	T0410NJ		BTA04-700A
SM25JZ41		BTA25-400A	T0505BH	BTB04-400T	T410-400T
SM3B41		T410-400D	T0505DH	BTB04-400T	T410-400T
SM3D41		T410-400D	T0505MH	BTB04-600T	T410-600T
SM3G41		T410-400D	T0505NH		T410-800T
SM3GZ45	T410-400T		T0509BH	BTB04-400S	T410-400T
SM3GZ46	T410-400T		T0509DH	BTB04-400S	T410-400T
SM3GZ47	T410-400T		T0509MH	BTB04-600S	T410-600T
SM3J41		T410-600D	T0509NH		T410-800T
SM3JZ45	T410-600T		T0510BH	BTB04-400A	T435-400T
SM3JZ46	T410-600T		T0510DH	BTB04-400A	T435-400T
SM3JZ47	T410-600T		T0510MH	BTB04-600A	T435-600T
SM6D45	BTB06-400C		T0510NH		T435-800T
SM6D45A	BTB06-400A		T0512BH		T435-400T
SM6DZ46	BTA06-400C		T0512DH		T435-400T
SM6DZ46A	BTA06-400A		T0512MH		T435-600T
SM6G45	BTB06-400C		T0512NH		T435-800T
SM6G45A	BTB06-400A		T0605BH	BTB06-400T	BTB06-400TW
SM6GZ46	BTA06-400C		T0605DH	BTB06-400T	BTB06-400TW
SM6GZ46A	BTA06-400A		T0605MH	BTB06-600T	BTB06-600TW
SM6J45	BTB06-600C		T0609BH	BTB06-400S	BTB06-400SW
SM6J45A	BTB06-600A		T0609BJ	BTA06-400S	BTA06-400SW
SM6JZ46	BTA06-600C		T0609DH	BTB06-400S	BTB06-400SW
SM6JZ46A	BTA06-600A		T0609DJ	BTA06-400S	BTA06-400SW
SM8D41	BTB08-400BW		T0609MH	BTB06-600S	BTB06-600SW
SM8D45	BTB08-400C		T0609MJ	BTA06-600S	BTA06-600SW
SM8D45A	BTB08-400A		T0609NJ		BTA06-700SW
SM8DZ46	BTA08-400C		T0610BH	BTB06-400A	BTB06-400CW
SM8DZ46A	BTA08-400A		T0610BJ	BTA06-400A	BTA06-400CW
SM8G41	BTB08-400BW		T0610DH	BTB06-400A	BTB06-400CW
SM8G45	BTB08-400C		T0610DJ	BTA06-400A	BTA06-400CW
SM8G45A	BTB08-400A		T0610MH	BTB06-600A	BTB06-600CW
SM8GZ46	BTA08-400C		T0610MJ	BTA06-600A	BTA06-600CW
SM8GZ46A	BTA08-400A		T0610NH		BTB06-800CW
SM8GZ47	BTA08-400CW		T0610NJ		BTA06-800CW
SM8GZ47A	BTA08-400SW		T0612BH	BTB06-400C	BTB06-400CW
SM8J41	BTB08-600BW		T0612BJ	BTA06-400C	BTA06-400CW
SM8J45	BTB08-600C		T0612DH	BTB06-400C	BTB06-400CW
SM8J45A	BTB08-600A		T0612DJ	BTA06-400C	BTA06-400CW
SM8JZ46	BTA08-600C		T0612MH	BTB06-600C	BTB06-600CW
SM8JZ46A	BTA08-600A		T0612MJ	BTA06-600C	BTA06-600CW

CROSS REFERENCE

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
T0612NH	BTB06-800C	BTB06-800CW	T106C1		TLS106-4
T0612NJ	BTA06-800C	BTA06-800CW	T106D1		TLS106-4
T0805BH		BTB08-400TW	T106E1		TLS106-6
T0805DH		BTB08-400TW	T106F1		TLS106-05
T0805MH		BTB08-600TW	T106M1		TLS106-6
T0805NH		BTB08-800TW	T107A1		TLS106-1
T0809BH	BTB08-400S	BTB08-400SW	T107B1		TLS106-2
T0809DH	BTB08-400S	BTB08-400SW	T107C1		TLS106-4
T0809MH	BTB08-600S	BTB08-600SW	T107D1		TLS106-4
T0810BH	BTB08-400A	BTB08-400CW	T107E1		TLS106-6
T0810BJ	BTA08-400A	BTA08-400CW	T107F1		TLS106-05
T0810DH	BTB08-400A	BTB08-400CW	T107M1		TLS106-6
T0810DJ	BTA08-400A	BTA08-400CW	T1210BH		BTB12-400SW
T0810MH	BTB08-600A	BTB08-600CW	T1210DH		BTB12-400SW
T0810MJ	BTA08-600A	BTA08-600CW	T1210MH		BTB12-600SW
T0810NH		BTB08-800CW	T1210NH		BTB12-800SW
T0810NJ		BTA08-800CW	T1212BH	BTB12-400C	BTB12-400CW
T0812BH	BTB08-400C	BTB08-400CW	T1212BJ	BTA12-400C	BTA12-400CW
T0812BJ	BTA08-400C	BTA08-400CW	T1212DH	BTB12-400C	BTB12-400CW
T0812DH	BTB08-400C	BTB08-400CW	T1212DJ	BTA12-400C	BTA12-400CW
T0812DJ	BTA08-400C	BTA08-400CW	T1212MH	BTB12-600C	BTB12-600CW
T0812MH	BTB08-600C	BTB08-600CW	T1212MJ	BTA12-600C	BTA12-600CW
T0812MJ	BTA08-600C	BTA08-600CW	T1212NH	BTB12-800C	BTB12-800CW
T0812NH	BTB08-800C	BTB08-800CW	T1212NJ	BTA12-800C	BTA12-800CW
T0812NJ	BTA08-800C	BTA08-800CW	T1213BH	BTB12-400B	BTB12-400BW
T0813BJ	BTA08-400B	BTA08-400BW	T1213BJ	BTA12-400B	BTA12-400BW
T0813DJ	BTA08-400B	BTA08-400BW	T1213DH	BTB12-400B	BTB12-400BW
T0813MJ	BTA08-600B	BTA08-600CW	T1213DJ	BTA12-400B	BTA12-400BW
T0813NJ	BTA08-800B	BTA08-800CW	T1213MH	BTB12-600B	BTB12-600BW
T1010BH		BTB08-400C	T1213MJ	BTA12-600B	BTA12-600BW
T1010BJ		BTA10-400C	T1213NH	BTB12-800B	BTB12-800BW
T1010DH		BTB08-400C	T1213NJ	BTA12-800B	BTA12-800BW
T1010DJ		BTA10-400C	T1512BJ		BTA16-400BW
T1010MH		BTB08-600C	T1512DJ		BTA16-400BW
T1010MJ		BTA10-600C	T1512MJ		BTA16-600BW
T1010NH		BTB08-800C	T1512NJ		BTA16-800BW
T1010NJ		BTA10-800C	T1513BJ	BTA16-400B	BTA16-400BW
T1012BH	BTB10-400C	BTB10-400CW	T1513DJ	BTA16-400B	BTA16-400BW
T1012BJ	BTA10-400C	BTA10-400CW	T1513MJ	BTA16-600B	BTA16-600BW
T1012DH	BTB10-400C	BTB10-400CW	T1513NJ	BTA16-800B	BTA16-800BW
T1012DJ	BTA10-400C	BTA10-400CW	T1612BH	BTB16-400CW	BTB16-400BW
T1012MH	BTB10-600C	BTB10-600CW	T1612DH	BTB16-400CW	BTB16-400BW
T1012MJ	BTA10-600C	BTA10-600CW	T1612MH	BTB16-600CW	BTB16-600BW
T1012NH	BTB10-800C	BTB10-800CW	T1612NH	BTB16-800CW	BTB16-800BW
T1012NJ	BTA10-800C	BTA10-800CW	T1613BH	BTB16-400B	BTB16-400BW
T1013BH	BTB10-600B	BTB10-400BW	T1613DH	BTB16-400B	BTB16-400BW
T1013BJ	BTA10-400B	BTA10-400BW	T1613MH	BTB16-600B	BTB16-600BW
T1013DH	BTB10-400B	BTB10-400BW	T1613NH	BTB16-800B	BTB16-800BW
T1013DJ	BTA10-400B	BTA10-400BW	T2322B	T410-400D	
T1013MH	BTB10-600B	BTB10-600BW	T2322D	T410-400D	
T1013MJ	BTA10-600B	BTA10-600BW	T2322M	T410-600D	
T1013NH	BTB10-800B	BTB10-800BW	T2323B	T435-400D	
T1013NJ	BTA10-800B	BTA10-800BW	T2323D	T435-400D	
T106A1		TLS106-1	T2323M	T435-600D	
T106B1		TLS106-2	T2500B	BTB06-400C	

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
T2500BFP		BTA06-400B	TIC116N	TYN808	
T2500D	BTB06-400C		TIC116S	TYN808	
T2500DFP		BTA06-400B	TIC126A	TYN112	
T2500M	BTB06-600C		TIC126B	TYN212	
T2500MFP		BTA06-600B	TIC126C	TYN412	
T2500N	BTB06-800C		TIC126D	TYN412	
T2500NFP		BTA06-800B	TIC126E	TYN612	
T2512BH	BTB24-400CW	BTB24-400BW	TIC126M	TYN612	
T2512BK		BTA25-400B	TIC126N	TYN812	
T2512DH	BTB24-400CW	BTB24-400BW	TIC126S	TYN812	
T2512DK		BTA25-400B	TIC201A		TLC116D
T2512MH	BTB24-600CW	BTB24-600BW	TIC201B		TLC116D
T2512MK		BTA25-600B	TIC201C		TLC226D
T2512NH	BTB24-800CW	BTB24-800BW	TIC201D		TLC226D
T2512NK		BTA25-800B	TIC201E		TLC336D
T2513BH	BTB24-400B	BTB24-400BW	TIC201M		TLC336D
T2513BK		BTA25-400B	TIC201S		TLC386D
T2513DH	BTB24-400B	BTB24-400BW	TIC206A	T410-400T	
T2513DK		BTA25-400B	TIC206B	T410-400T	
T2513MH	BTB24-600B	BTB24-600BW	TIC206C	T410-400T	
T2513MK		BTA25-600B	TIC206D	T410-400T	
T2513NH	BTB24-800B	BTB24-800BW	TIC206E	T410-600T	
T2513NK		BTA25-800B	TIC206M	T410-600T	
T2800B	BTB08-400C		TIC206N	T410-800T	
T2800D	BTB08-400B		TIC206S	T410-700T	
T2800M	BTB08-600C		TIC216A	BTB06-400D	
T2801B	BTB06-400B		TIC216B	BTB06-400D	
T2801D	BTB06-400B		TIC216C	BTB06-400D	
T2801M	BTB06-600B		TIC216D	BTB06-400D	
T2801N	BTB06-800B		TIC216E	BTB06-600D	
T2802B	BTB08-400BW		TIC216M	BTB06-600D	
T2802D	BTB08-400BW		TIC216S	BTB06-700D	
T2802M	BTB08-600BW		TIC225A	BTB08-400S	
T4012BK		BTA40-400B	TIC225B	BTB08-400S	
T4012DK		BTA40-400B	TIC225C	BTB08-400S	
T4012MK		BTA40-600B	TIC225D	BTB08-400S	
T4012NK		BTA40-800B	TIC225E	BTB08-600S	
T4013BK		BTA40-400B	TIC225M	BTB08-600S	
T4013DK		BTA40-400B	TIC225S	BTB08-700S	
T4013MK		BTA40-600B	TIC226A	BTB08-400BW	
T4013NK		BTA40-800B	TIC226B	BTB08-400BW	
TIC106A	TYS606-1		TIC226C	BTB08-400BW	
TIC106B	TYS606-2		TIC226D	BTB08-400BW	
TIC106C	TYS606-4		TIC226E	BTB08-600BW	
TIC106D	TYS606-4		TIC226M	BTB08-600BW	
TIC106E	TYS606-6		TIC226N	BTB08-800BW	
TIC106M	TYS606-6		TIC226S	BTB08-700BW	
TIC106N	TYS606-8		TIC236A	BTB12-400BW	
TIC106S	TYS606-8		TIC236B	BTB12-400BW	
TIC116A	TYN108		TIC236C	BTB12-400BW	
TIC116B	TYN208		TIC236D	BTB12-400BW	
TIC116C	TYN408		TIC236E	BTB12-600BW	
TIC116D	TYN408		TIC236M	BTB12-600BW	
TIC116E	TYN608		TIC236N	BTB12-800BW	
TIC116M	TYN608		TIC236S	BTB12-700BW	

CROSS REFERENCE

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
TIC246A	BTB16-400BW	
TIC246B	BTB16-400BW	
TIC246C	BTB16-400BW	
TIC246D	BTB16-400BW	
TIC246E	BTB16-600BW	
TIC246M	BTB16-600BW	
TIC246N	BTB16-800BW	
TIC246S	BTB16-700BW	
TIC253A		BTB26-400BW
TIC253B		BTB26-400BW
TIC253C		BTB26-400BW
TIC253D		BTB26-400BW
TIC253E		BTB26-600BW
TIC253M		BTB26-600BW
TIC253N		BTB26-800BW
TIC253S		BTB26-700BW
TIC263A	BTB26-400BW	
TIC263B	BTB26-400BW	
TIC263C	BTB26-400BW	
TIC263D	BTB26-400BW	
TIC263E	BTB26-600BW	
TIC263M	BTB26-600BW	
TIC263N	BTB26-800BW	
TIC263S	BTB26-700BW	
X0101BA		TS080220
X0101DA		TS080240
X0101MA		TS080260
X0102BA		TS082020
X0102DA		TS082040
X0102MA		TS082060
X0104BA		TS080520
X0104DA		TS080540

INDUSTRY PART NUMBER	SGS-THOMSON DIRECT REPLACEMENT	SGS-THOMSON SIMILAR REPLACEMENT
X0104MA		TS080560
X0402BE	TLS106-2	
X0402BF	TLS106-2	
X0402DE	TLS106-4	
X0402DF	TLS106-4	
X0402ME	TLS106-6	
X0402MF	TLS106-6	
Z0109BA		T08-2A
Z0109DA		T08-4A
Z0109MA		T08-6A
Z0110BA	T08-2A	
Z0110DA	T08-4A	
Z0110MA	T08-6A	
Z0405BE		TLC116T
Z0405BF	TLC116T	
Z0405DE		TLC226T
Z0405DF	TLC226T	
Z0405ME		TLC336T
Z0405MF	TLC336T	
Z0409BE	TLC116S	
Z0409BF	TLC116S	
Z0409DE	TLC226S	
Z0409DF	TLC226S	
Z0409ME	TLC336S	
Z0409MF	TLC336S	
Z0410BE	TLC116A	
Z0410BF	TLC116A	
Z0410DE	TLC226A	
Z0410DF	TLC226A	
Z0410ME	TLC336A	
Z0410MF	TLC336A	